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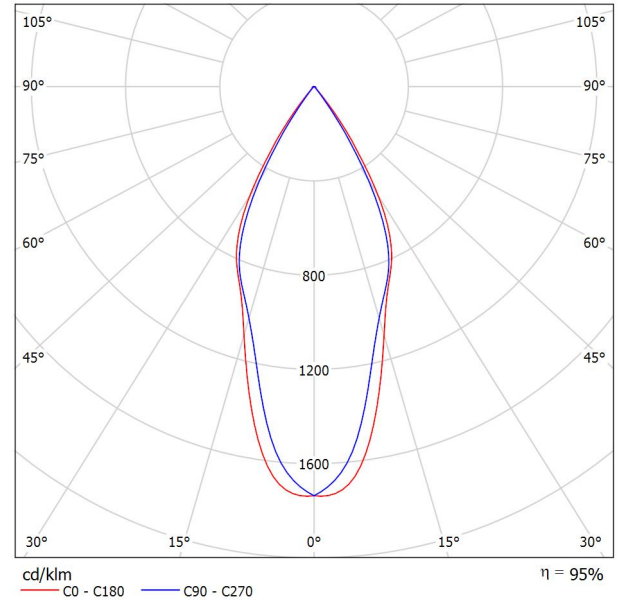
7F, No.352, Sec. 2, Zhongshan Rd., Zhonghe Dist., New Taipei City, Taiwan, 235, R.O.C.

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GlacialLight GL-BL190-NW-4000K-70D Lens-Lux enhancer / 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: 98 99 100 100 95

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 | 15.5 | 16.2 | 15.8 | 16.4 | 16.6 | 13.7 | 14.4 | 14.0 | 14.6 | 14.8 |
| | 3H | 15.4 | 16.0 | 15.7 | 16.2 | 16.5 | 13.6 | 14.2 | 13.9 | 14.4 | 14.7 |
| | 4H | 15.3 | 15.9 | 15.6 | 16.2 | 16.4 | 13.6 | 14.1 | 13.9 | 14.4 | 14.6 |
| | 6H | 15.3 | 15.8 | 15.6 | 16.1 | 16.4 | 13.5 | 14.0 | 13.8 | 14.3 | 14.6 |
| | 8H | 15.2 | 15.7 | 15.6 | 16.0 | 16.3 | 13.5 | 14.0 | 13.8 | 14.3 | 14.6 |
| 12H | 15.2 | 15.7 | 15.6 | 16.0 | 16.3 | 13.5 | 13.9 | 13.8 | 14.2 | 14.5 | |
| 4H | 2H | 15.3 | 15.9 | 15.6 | 16.1 | 16.4 | 13.5 | 14.1 | 13.8 | 14.4 | 14.6 |
| | 3H | 15.2 | 15.7 | 15.5 | 16.0 | 16.3 | 13.4 | 13.9 | 13.8 | 14.2 | 14.5 |
| | 4H | 15.1 | 15.5 | 15.5 | 15.9 | 16.2 | 13.4 | 13.8 | 13.7 | 14.1 | 14.5 |
| | 6H | 15.1 | 15.4 | 15.5 | 15.8 | 16.1 | 13.3 | 13.7 | 13.7 | 14.0 | 14.4 |
| | 8H | 15.0 | 15.3 | 15.5 | 15.7 | 16.1 | 13.3 | 13.6 | 13.7 | 14.0 | 14.4 |
| 12H | 15.0 | 15.3 | 15.4 | 15.7 | 16.1 | 13.3 | 13.5 | 13.7 | 13.9 | 14.4 | |
| 8H | 4H | 15.0 | 15.3 | 15.4 | 15.7 | 16.1 | 13.3 | 13.6 | 13.7 | 13.9 | 14.3 |
| | 6H | 15.0 | 15.2 | 15.4 | 15.6 | 16.0 | 13.2 | 13.4 | 13.7 | 13.9 | 14.3 |
| | 8H | 14.9 | 15.1 | 15.4 | 15.6 | 16.0 | 13.2 | 13.4 | 13.7 | 13.8 | 14.3 |
| | 12H | 14.9 | 15.0 | 15.4 | 15.5 | 16.0 | 13.2 | 13.3 | 13.7 | 13.8 | 14.3 |
| 12H | 4H | 15.0 | 15.2 | 15.4 | 15.6 | 16.1 | 13.2 | 13.5 | 13.7 | 13.9 | 14.3 |
| | 6H | 14.9 | 15.1 | 15.4 | 15.5 | 16.0 | 13.2 | 13.4 | 13.7 | 13.8 | 14.3 |
| | 8H | 14.9 | 15.0 | 15.4 | 15.5 | 16.0 | 13.2 | 13.3 | 13.7 | 13.8 | 14.3 |
| Variation of the observer position for the luminaire distances S | | | | | | | | | | | |
| S = 1.0H | +6.5 / -11.8 | | | | | +6.4 / -9.7 | | | | | |
| S = 1.5H | +9.3 / -12.7 | | | | | +9.2 / -10.1 | | | | | |
| S = 2.0H | +11.3 / -12.7 | | | | | +11.2 / -10.8 | | | | | |
| Standard table | BK00 | | | | | BK00 | | | | | |
| Correction Summand | -3.3 | | | | | -5.1 | | | | | |
| Corrected Glare Indices referring to 19300lm Total Luminous Flux | | | | | | | | | | | |

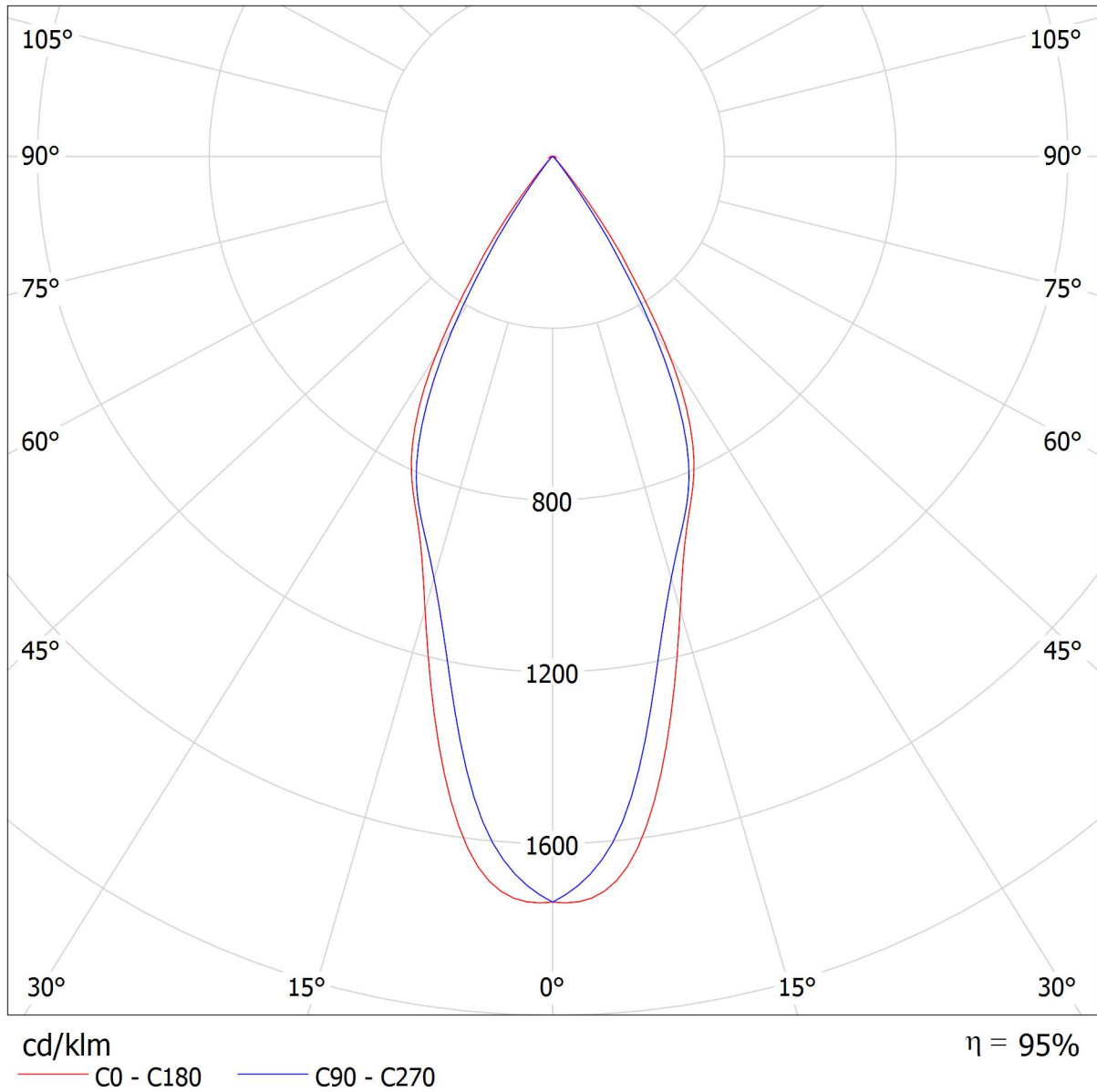
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GlacialLight GL-BL190-NW-4000K-70D Lens-Lux enhancer / LDC (Polar)

Luminaire: GlacialLight GL-BL190-NW-4000K-70D Lens-Lux enhancer
Lamps: 1 x Bay Light



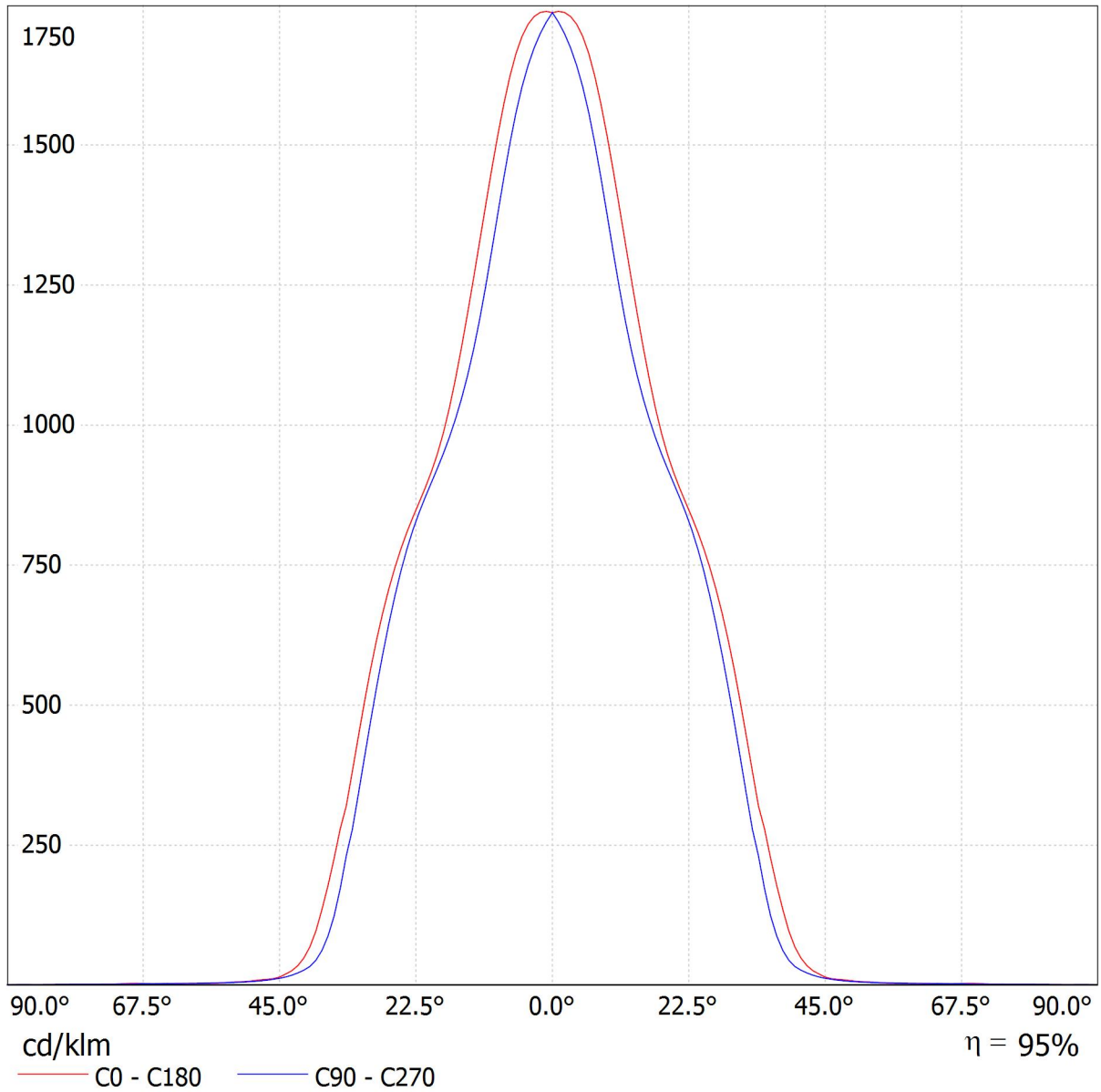
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GlacialLight GL-BL190-NW-4000K-70D Lens-Lux enhancer / LDC (Linear)

Luminaire: GlacialLight GL-BL190-NW-4000K-70D Lens-Lux enhancer
Lamps: 1 x Bay Light



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GlacialLight GL-BL190-NW-4000K-70D Lens-Lux enhancer / UGR-Table

Luminaire: GlacialLight GL-BL190-NW-4000K-70D Lens-Lux enhancer
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 | 15.5 | 16.2 | 15.8 | 16.4 | 16.6 | 13.7 | 14.4 | 14.0 | 14.6 | 14.8 |
| | 3H | 15.4 | 16.0 | 15.7 | 16.2 | 16.5 | 13.6 | 14.2 | 13.9 | 14.4 | 14.7 |
| | 4H | 15.3 | 15.9 | 15.6 | 16.2 | 16.4 | 13.6 | 14.1 | 13.9 | 14.4 | 14.6 |
| | 6H | 15.3 | 15.8 | 15.6 | 16.1 | 16.4 | 13.5 | 14.0 | 13.8 | 14.3 | 14.6 |
| | 8H | 15.2 | 15.7 | 15.6 | 16.0 | 16.3 | 13.5 | 14.0 | 13.8 | 14.3 | 14.6 |
| | 12H | 15.2 | 15.7 | 15.6 | 16.0 | 16.3 | 13.5 | 13.9 | 13.8 | 14.2 | 14.5 |
| 4H | 2H | 15.3 | 15.9 | 15.6 | 16.1 | 16.4 | 13.5 | 14.1 | 13.8 | 14.4 | 14.6 |
| | 3H | 15.2 | 15.7 | 15.5 | 16.0 | 16.3 | 13.4 | 13.9 | 13.8 | 14.2 | 14.5 |
| | 4H | 15.1 | 15.5 | 15.5 | 15.9 | 16.2 | 13.4 | 13.8 | 13.7 | 14.1 | 14.5 |
| | 6H | 15.1 | 15.4 | 15.5 | 15.8 | 16.1 | 13.3 | 13.7 | 13.7 | 14.0 | 14.4 |
| | 8H | 15.0 | 15.3 | 15.5 | 15.7 | 16.1 | 13.3 | 13.6 | 13.7 | 14.0 | 14.4 |
| | 12H | 15.0 | 15.3 | 15.4 | 15.7 | 16.1 | 13.3 | 13.5 | 13.7 | 13.9 | 14.4 |
| 8H | 4H | 15.0 | 15.3 | 15.4 | 15.7 | 16.1 | 13.3 | 13.6 | 13.7 | 13.9 | 14.3 |
| | 6H | 15.0 | 15.2 | 15.4 | 15.6 | 16.0 | 13.2 | 13.4 | 13.7 | 13.9 | 14.3 |
| | 8H | 14.9 | 15.1 | 15.4 | 15.6 | 16.0 | 13.2 | 13.4 | 13.7 | 13.8 | 14.3 |
| | 12H | 14.9 | 15.0 | 15.4 | 15.5 | 16.0 | 13.2 | 13.3 | 13.7 | 13.8 | 14.3 |
| 12H | 4H | 15.0 | 15.2 | 15.4 | 15.6 | 16.1 | 13.2 | 13.5 | 13.7 | 13.9 | 14.3 |
| | 6H | 14.9 | 15.1 | 15.4 | 15.5 | 16.0 | 13.2 | 13.4 | 13.7 | 13.8 | 14.3 |
| | 8H | 14.9 | 15.0 | 15.4 | 15.5 | 16.0 | 13.2 | 13.3 | 13.7 | 13.8 | 14.3 |
| Variation of the observer position for the luminaire distances S | | | | | | | | | | | |
| S = 1.0H | | +6.5 / -11.8 | | | | | +6.4 / -9.7 | | | | |
| S = 1.5H | | +9.3 / -12.7 | | | | | +9.2 / -10.1 | | | | |
| S = 2.0H | | +11.3 / -12.7 | | | | | +11.2 / -10.8 | | | | |
| Standard table | | BK00 | | | | | BK00 | | | | |
| Correction Summand | | -3.3 | | | | | -5.1 | | | | |
| Corrected Glare Indices referring to 19300lm 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-BL190-NW-4000K-70D Lens-Lux enhancer / Glare Data Sheet

Luminaire: GlacialLight GL-BL190-NW-4000K-70D Lens-Lux enhancer

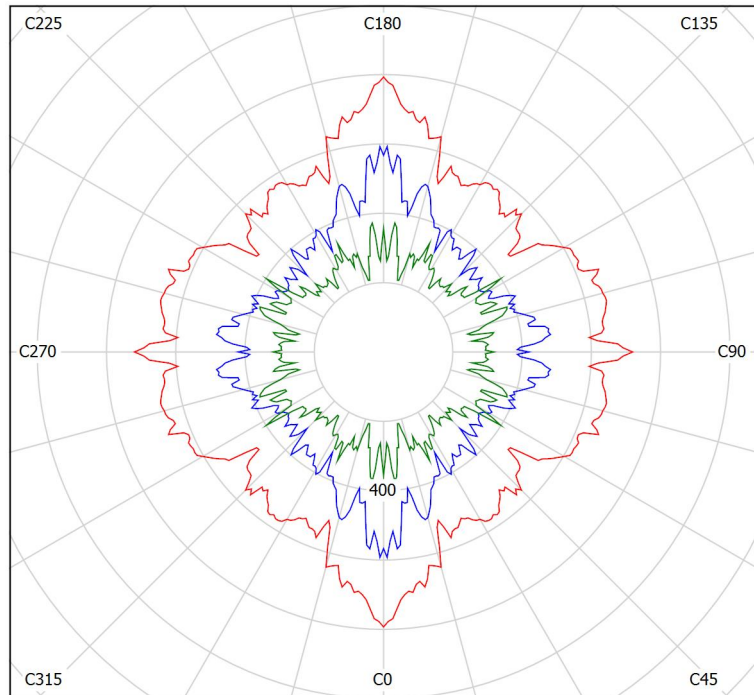
Lamps: 1 x Bay Light

| 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 | 15.5 | 16.2 | 15.8 | 16.4 | 16.6 | 13.7 | 14.4 | 14.0 | 14.6 | 14.8 |
| | 3H | 15.4 | 16.0 | 15.7 | 16.2 | 16.5 | 13.6 | 14.2 | 13.9 | 14.4 | 14.7 |
| | 4H | 15.3 | 15.9 | 15.6 | 16.2 | 16.4 | 13.6 | 14.1 | 13.9 | 14.4 | 14.6 |
| | 6H | 15.3 | 15.8 | 15.6 | 16.1 | 16.4 | 13.5 | 14.0 | 13.8 | 14.3 | 14.6 |
| | 8H | 15.2 | 15.7 | 15.6 | 16.0 | 16.3 | 13.5 | 14.0 | 13.8 | 14.3 | 14.6 |
| 4H | 12H | 15.2 | 15.7 | 15.6 | 16.0 | 16.3 | 13.5 | 13.9 | 13.8 | 14.2 | 14.5 |
| | 2H | 15.3 | 15.9 | 15.6 | 16.1 | 16.4 | 13.5 | 14.1 | 13.8 | 14.4 | 14.6 |
| | 3H | 15.2 | 15.7 | 15.5 | 16.0 | 16.3 | 13.4 | 13.9 | 13.8 | 14.2 | 14.5 |
| | 4H | 15.1 | 15.5 | 15.5 | 15.9 | 16.2 | 13.4 | 13.8 | 13.7 | 14.1 | 14.5 |
| | 6H | 15.1 | 15.4 | 15.5 | 15.8 | 16.1 | 13.3 | 13.7 | 13.7 | 14.0 | 14.4 |
| 8H | 8H | 15.0 | 15.3 | 15.5 | 15.7 | 16.1 | 13.3 | 13.6 | 13.7 | 14.0 | 14.4 |
| | 12H | 15.0 | 15.3 | 15.4 | 15.7 | 16.1 | 13.3 | 13.5 | 13.7 | 13.9 | 14.4 |
| | 4H | 15.0 | 15.3 | 15.4 | 15.7 | 16.1 | 13.3 | 13.6 | 13.7 | 13.9 | 14.3 |
| | 6H | 15.0 | 15.2 | 15.4 | 15.6 | 16.0 | 13.2 | 13.4 | 13.7 | 13.9 | 14.3 |
| | 8H | 14.9 | 15.1 | 15.4 | 15.6 | 16.0 | 13.2 | 13.4 | 13.7 | 13.8 | 14.3 |
| 12H | 12H | 14.9 | 15.0 | 15.4 | 15.5 | 16.0 | 13.2 | 13.3 | 13.7 | 13.8 | 14.3 |
| | 4H | 15.0 | 15.2 | 15.4 | 15.6 | 16.1 | 13.2 | 13.5 | 13.7 | 13.9 | 14.3 |
| | 6H | 14.9 | 15.1 | 15.4 | 15.5 | 16.0 | 13.2 | 13.4 | 13.7 | 13.8 | 14.3 |
| 8H | 14.9 | 15.0 | 15.4 | 15.5 | 16.0 | 13.2 | 13.3 | 13.7 | 13.8 | 14.3 | |

| Variation of the observer position for the luminaire distances S | | |
|--|---------------|---------------|
| S = 1.0H | +6.5 / -11.8 | +6.4 / -9.7 |
| S = 1.5H | +9.3 / -12.7 | +9.2 / -10.1 |
| S = 2.0H | +11.3 / -12.7 | +11.2 / -10.8 |
| Standard table | BK00 | BK00 |
| Correction Summand | -3.3 | -5.1 |

Corrected Glare Indices referring to 19300lm 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°