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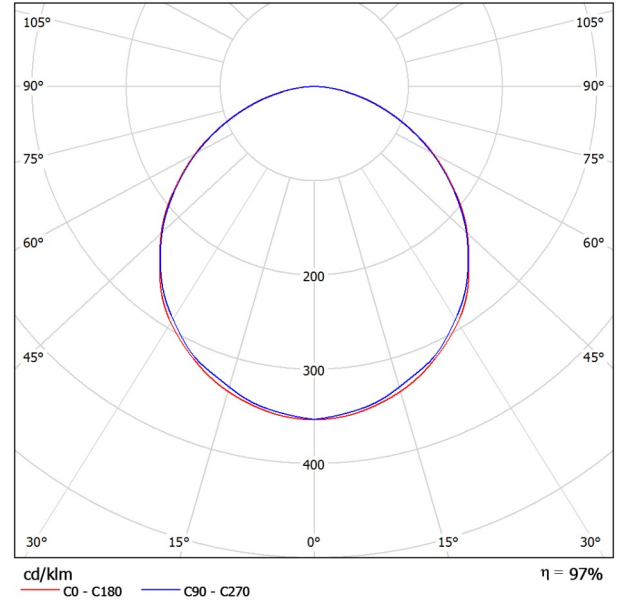
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## GlacialLight GL-PL0303-V2-WW-3000K-110D / Luminaire Data Sheet

### Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100  
CIE flux code: 48 80 96 100 97

### 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<br>X Y   | Viewing direction at right angles<br>to lamp axis |      |      |      |      | Viewing direction parallel<br>to lamp axis |      |      |      |      |      |
| 2H   | 2H  | 17.0 | 18.4 | 17.3 | 18.6 | 18.8                                       | 17.1 | 18.4 | 17.4 | 18.6 | 18.9 |
|  | 3H  | 18.5 | 19.7 | 18.8 | 19.9 | 20.2                                       | 18.5 | 19.7 | 18.9 | 20.0 | 20.3 |
|  | 4H  | 19.0 | 20.2 | 19.4 | 20.4 | 20.7                                       | 19.1 | 20.2 | 19.4 | 20.5 | 20.8 |
|  | 6H  | 19.4 | 20.5 | 19.8 | 20.8 | 21.1                                       | 19.5 | 20.5 | 19.8 | 20.8 | 21.1 |
|  | 8H  | 19.6 | 20.6 | 19.9 | 20.9 | 21.2                                       | 19.6 | 20.6 | 20.0 | 20.9 | 21.2 |
|  | 12H   | 19.6 | 20.6 | 20.0 | 20.9 | 21.2                                       | 19.7 | 20.6 | 20.0 | 20.9 | 21.3 |
| 4H   | 2H  | 17.7 | 18.8 | 18.0 | 19.1 | 19.3                                       | 17.7 | 18.8 | 18.0 | 19.1 | 19.4 |
|  | 3H  | 19.3 | 20.2 | 19.6 | 20.5 | 20.9                                       | 19.3 | 20.3 | 19.7 | 20.6 | 20.9 |
|  | 4H  | 19.9 | 20.8 | 20.3 | 21.1 | 21.5                                       | 20.0 | 20.8 | 20.4 | 21.2 | 21.6 |
|  | 6H  | 20.4 | 21.2 | 20.8 | 21.5 | 21.9                                       | 20.5 | 21.2 | 20.9 | 21.6 | 22.0 |
|  | 8H  | 20.6 | 21.3 | 21.0 | 21.7 | 22.1                                       | 20.7 | 21.3 | 21.1 | 21.7 | 22.2 |
|  | 12H   | 20.7 | 21.3 | 21.1 | 21.7 | 22.1                                       | 20.8 | 21.4 | 21.2 | 21.8 | 22.2 |
| 8H   | 4H  | 20.2 | 20.9 | 20.6 | 21.2 | 21.7                                       | 20.2 | 20.9 | 20.7 | 21.3 | 21.7 |
|  | 6H  | 20.8 | 21.3 | 21.2 | 21.8 | 22.2                                       | 20.8 | 21.4 | 21.3 | 21.8 | 22.3 |
|  | 8H  | 21.0 | 21.5 | 21.5 | 21.9 | 22.4                                       | 21.1 | 21.6 | 21.6 | 22.0 | 22.5 |
|  | 12H   | 21.1 | 21.6 | 21.6 | 22.0 | 22.5                                       | 21.2 | 21.7 | 21.7 | 22.1 | 22.6 |
| 12H  | 4H  | 20.2 | 20.8 | 20.6 | 21.2 | 21.6                                       | 20.2 | 20.9 | 20.7 | 21.3 | 21.7 |
|  | 6H  | 20.8 | 21.3 | 21.3 | 21.8 | 22.2                                       | 20.9 | 21.4 | 21.4 | 21.8 | 22.3 |
|  | 8H  | 21.1 | 21.5 | 21.6 | 22.0 | 22.5                                       | 21.2 | 21.6 | 21.6 | 22.0 | 22.5 |
| Variation of the observer position for the luminaire distances S |   |      |      |      |      |  |      |      |      |      |      |
| S = 1.0H   | +0.1 / -0.1                                       |      |      |      |      | +0.1 / -0.1                                |      |      |      |      |      |
| S = 1.5H   | +0.2 / -0.4                                       |      |      |      |      | +0.2 / -0.4                                |      |      |      |      |      |
| S = 2.0H   | +0.5 / -0.7                                       |      |      |      |      | +0.5 / -0.7                                |      |      |      |      |      |
| Standard table   | BK05  |      |      |      |      | BK05                                       |      |      |      |      |      |
| Correction Summand   | 3.5   |      |      |      |      | 3.5  |      |      |      |      |      |
| Corrected Glare Indices referring to 1100lm Total Luminous Flux  |   |      |      |      |      |  |      |      |      |      |      |

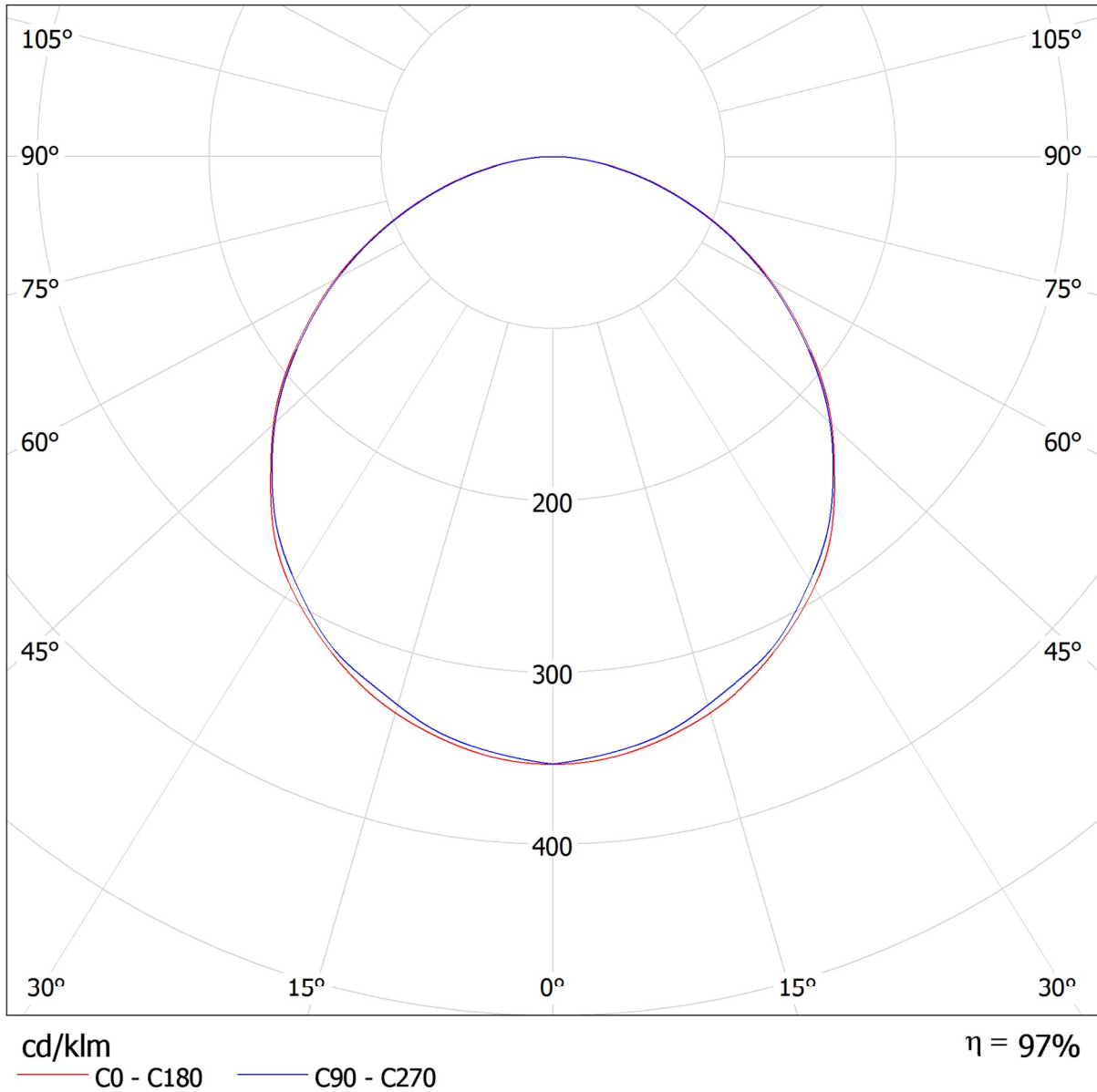
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## GlacialLight GL-PL0303-V2-WW-3000K-110D / LDC (Polar)

Luminaire: GlacialLight GL-PL0303-V2-WW-3000K-110D  
Lamps: 1 x GL-PL0303-V2-WW-3000K-110D



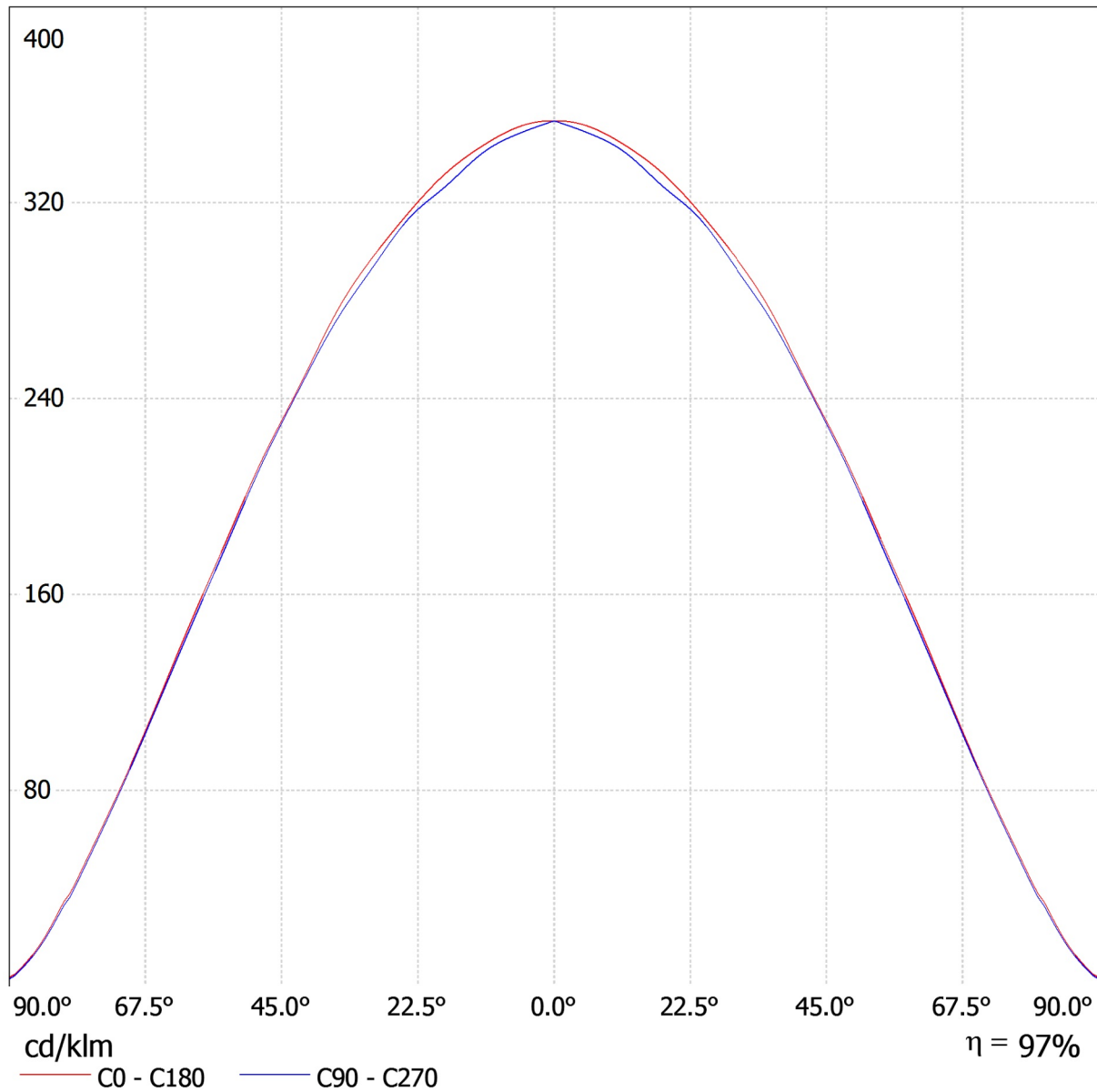
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### GlacialLight GL-PL0303-V2-WW-3000K-110D / LDC (Linear)

Luminaire: GlacialLight GL-PL0303-V2-WW-3000K-110D  
Lamps: 1 x GL-PL0303-V2-WW-3000K-110D



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## GlacialLight GL-PL0303-V2-WW-3000K-110D / UGR-Table

Luminaire: GlacialLight GL-PL0303-V2-WW-3000K-110D  
Lamps: 1 x GL-PL0303-V2-WW-3000K-110D

| <b>Glare Evaluation According to UGR</b>                         |     |   |      |      |      |      |  |      |      |      |      |
|--|-----|---|------|------|------|------|--|------|------|------|------|
| 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<br>X      Y  |     | Viewing direction at right angles<br>to lamp axis |      |      |      |      | Viewing direction parallel<br>to lamp axis |      |      |      |      |
| 2H   | 2H  | 17.0  | 18.4 | 17.3 | 18.6 | 18.8 | 17.1                                       | 18.4 | 17.4 | 18.6 | 18.9 |
|  | 3H  | 18.5  | 19.7 | 18.8 | 19.9 | 20.2 | 18.5                                       | 19.7 | 18.9 | 20.0 | 20.3 |
|  | 4H  | 19.0  | 20.2 | 19.4 | 20.4 | 20.7 | 19.1                                       | 20.2 | 19.4 | 20.5 | 20.8 |
|  | 6H  | 19.4  | 20.5 | 19.8 | 20.8 | 21.1 | 19.5                                       | 20.5 | 19.8 | 20.8 | 21.1 |
|  | 8H  | 19.6  | 20.6 | 19.9 | 20.9 | 21.2 | 19.6                                       | 20.6 | 20.0 | 20.9 | 21.2 |
|  | 12H | 19.6  | 20.6 | 20.0 | 20.9 | 21.2 | 19.7                                       | 20.6 | 20.0 | 20.9 | 21.3 |
| 4H   | 2H  | 17.7  | 18.8 | 18.0 | 19.1 | 19.3 | 17.7                                       | 18.8 | 18.0 | 19.1 | 19.4 |
|  | 3H  | 19.3  | 20.2 | 19.6 | 20.5 | 20.9 | 19.3                                       | 20.3 | 19.7 | 20.6 | 20.9 |
|  | 4H  | 19.9  | 20.8 | 20.3 | 21.1 | 21.5 | 20.0                                       | 20.8 | 20.4 | 21.2 | 21.6 |
|  | 6H  | 20.4  | 21.2 | 20.8 | 21.5 | 21.9 | 20.5                                       | 21.2 | 20.9 | 21.6 | 22.0 |
|  | 8H  | 20.6  | 21.3 | 21.0 | 21.7 | 22.1 | 20.7                                       | 21.3 | 21.1 | 21.7 | 22.2 |
|  | 12H | 20.7  | 21.3 | 21.1 | 21.7 | 22.1 | 20.8                                       | 21.4 | 21.2 | 21.8 | 22.2 |
| 8H   | 4H  | 20.2  | 20.9 | 20.6 | 21.2 | 21.7 | 20.2                                       | 20.9 | 20.7 | 21.3 | 21.7 |
|  | 6H  | 20.8  | 21.3 | 21.2 | 21.8 | 22.2 | 20.8                                       | 21.4 | 21.3 | 21.8 | 22.3 |
|  | 8H  | 21.0  | 21.5 | 21.5 | 21.9 | 22.4 | 21.1                                       | 21.6 | 21.6 | 22.0 | 22.5 |
|  | 12H | 21.1  | 21.6 | 21.6 | 22.0 | 22.5 | 21.2                                       | 21.7 | 21.7 | 22.1 | 22.6 |
| 12H  | 4H  | 20.2  | 20.8 | 20.6 | 21.2 | 21.6 | 20.2                                       | 20.9 | 20.7 | 21.3 | 21.7 |
|  | 6H  | 20.8  | 21.3 | 21.3 | 21.8 | 22.2 | 20.9                                       | 21.4 | 21.4 | 21.8 | 22.3 |
|  | 8H  | 21.1  | 21.5 | 21.6 | 22.0 | 22.5 | 21.2                                       | 21.6 | 21.6 | 22.0 | 22.5 |
| Variation of the observer position for the luminaire distances S |     |   |      |      |      |      |  |      |      |      |      |
| S = 1.0H   |     | +0.1 / -0.1                                       |      |      |      |      | +0.1 / -0.1                                |      |      |      |      |
| S = 1.5H   |     | +0.2 / -0.4                                       |      |      |      |      | +0.2 / -0.4                                |      |      |      |      |
| S = 2.0H   |     | +0.5 / -0.7                                       |      |      |      |      | +0.5 / -0.7                                |      |      |      |      |
| Standard table   |     | BK05  |      |      |      |      | BK05                                       |      |      |      |      |
| Correction<br>Summand  |     | 3.5   |      |      |      |      | 3.5  |      |      |      |      |
| Corrected Glare Indices referring to 1100lm 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-PL0303-V2-WW-3000K-110D / Glare Data Sheet

Luminaire: GlacialLight GL-PL0303-V2-WW-3000K-110D

Lamps: 1 x GL-PL0303-V2-WW-3000K-110D

| 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   | 17.0 | 18.4 | 17.3 | 18.6 | 18.8                                    | 17.1 | 18.4 | 17.4 | 18.6 | 18.9 |
|  | 3H   | 18.5 | 19.7 | 18.8 | 19.9 | 20.2                                    | 18.5 | 19.7 | 18.9 | 20.0 | 20.3 |
|  | 4H   | 19.0 | 20.2 | 19.4 | 20.4 | 20.7                                    | 19.1 | 20.2 | 19.4 | 20.5 | 20.8 |
|  | 6H   | 19.4 | 20.5 | 19.8 | 20.8 | 21.1                                    | 19.5 | 20.5 | 19.8 | 20.8 | 21.1 |
|  | 8H   | 19.6 | 20.6 | 19.9 | 20.9 | 21.2                                    | 19.6 | 20.6 | 20.0 | 20.9 | 21.2 |
|  | 12H  | 19.6 | 20.6 | 20.0 | 20.9 | 21.2                                    | 19.7 | 20.6 | 20.0 | 20.9 | 21.3 |
| 4H   | 2H   | 17.7 | 18.8 | 18.0 | 19.1 | 19.3                                    | 17.7 | 18.8 | 18.0 | 19.1 | 19.4 |
|  | 3H   | 19.3 | 20.2 | 19.6 | 20.5 | 20.9                                    | 19.3 | 20.3 | 19.7 | 20.6 | 20.9 |
|  | 4H   | 19.9 | 20.8 | 20.3 | 21.1 | 21.5                                    | 20.0 | 20.8 | 20.4 | 21.2 | 21.6 |
|  | 6H   | 20.4 | 21.2 | 20.8 | 21.5 | 21.9                                    | 20.5 | 21.2 | 20.9 | 21.6 | 22.0 |
|  | 8H   | 20.6 | 21.3 | 21.0 | 21.7 | 22.1                                    | 20.7 | 21.3 | 21.1 | 21.7 | 22.2 |
|  | 12H  | 20.7 | 21.3 | 21.1 | 21.7 | 22.1                                    | 20.8 | 21.4 | 21.2 | 21.8 | 22.2 |
| 8H   | 4H   | 20.2 | 20.9 | 20.6 | 21.2 | 21.7                                    | 20.2 | 20.9 | 20.7 | 21.3 | 21.7 |
|  | 6H   | 20.8 | 21.3 | 21.2 | 21.8 | 22.2                                    | 20.8 | 21.4 | 21.3 | 21.8 | 22.3 |
|  | 8H   | 21.0 | 21.5 | 21.5 | 21.9 | 22.4                                    | 21.1 | 21.6 | 21.6 | 22.0 | 22.5 |
|  | 12H  | 21.1 | 21.6 | 21.6 | 22.0 | 22.5                                    | 21.2 | 21.7 | 21.7 | 22.1 | 22.6 |
| 12H  | 4H   | 20.2 | 20.8 | 20.6 | 21.2 | 21.6                                    | 20.2 | 20.9 | 20.7 | 21.3 | 21.7 |
|  | 6H   | 20.8 | 21.3 | 21.3 | 21.8 | 22.2                                    | 20.9 | 21.4 | 21.4 | 21.8 | 22.3 |
|  | 8H   | 21.1 | 21.5 | 21.6 | 22.0 | 22.5                                    | 21.2 | 21.6 | 21.6 | 22.0 | 22.5 |
| Variation of the observer position for the luminaire distances S |  |      |      |      |      |   |      |      |      |      |      |
| S = 1.0H   | +0.1 / -0.1                                    |      |      |      |      | +0.1 / -0.1                             |      |      |      |      |      |
| S = 1.5H   | +0.2 / -0.4                                    |      |      |      |      | +0.2 / -0.4                             |      |      |      |      |      |
| S = 2.0H   | +0.5 / -0.7                                    |      |      |      |      | +0.5 / -0.7                             |      |      |      |      |      |
| Standard table   | BK05   |      |      |      |      | BK05                                    |      |      |      |      |      |
| Correction Summand   | 3.5  |      |      |      |      | 3.5                                     |      |      |      |      |      |
| Corrected Glare Indices referring to 1100lm Total Luminous Flux  |  |      |      |      |      |   |      |      |      |      |      |

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

