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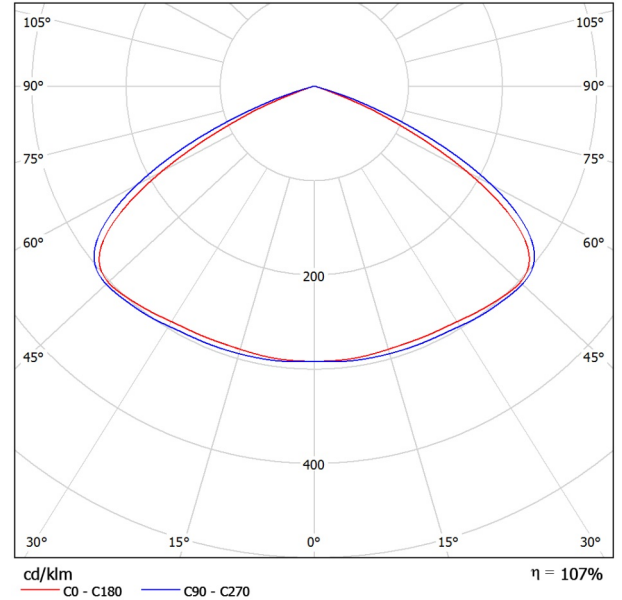
7F, No.352, Sec. 2, Zhongshan Rd., Zhonghe Dist., New Taipei City, Taiwan, 235, R.O.C.

Operator  
Telephone +886 2 2244-1227  
Fax +886 2 2244-1241  
e-Mail [sales@GlacialLight.com](mailto:sales@GlacialLight.com)

## GlacialLight GL-BL100-NW-4000K-120D-Lens-no 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: 43 86 99 100 107

### 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  | 25.3 | 26.6 | 25.6 | 26.9 | 27.1                                       | 25.6 | 27.0 | 25.9 | 27.2 | 27.5 |
|  | 3H  | 25.5 | 26.7 | 25.8 | 27.0 | 27.3                                       | 26.1 | 27.3 | 26.4 | 27.6 | 27.8 |
|  | 4H  | 25.4 | 26.6 | 25.8 | 26.8 | 27.1                                       | 26.1 | 27.2 | 26.4 | 27.5 | 27.7 |
|  | 6H  | 25.4 | 26.4 | 25.7 | 26.7 | 27.0                                       | 26.0 | 27.0 | 26.3 | 27.3 | 27.6 |
|  | 8H  | 25.3 | 26.3 | 25.7 | 26.6 | 27.0                                       | 25.9 | 26.9 | 26.3 | 27.2 | 27.6 |
| 4H   | 12H   | 25.3 | 26.2 | 25.7 | 26.6 | 26.9                                       | 25.9 | 26.8 | 26.3 | 27.2 | 27.5 |
|  | 2H  | 25.7 | 26.8 | 26.1 | 27.1 | 27.4                                       | 26.0 | 27.1 | 26.3 | 27.4 | 27.7 |
|  | 3H  | 26.0 | 26.9 | 26.3 | 27.2 | 27.6                                       | 26.5 | 27.4 | 26.9 | 27.8 | 28.1 |
|  | 4H  | 25.9 | 26.7 | 26.3 | 27.1 | 27.4                                       | 26.5 | 27.3 | 26.9 | 27.6 | 28.0 |
|  | 6H  | 25.8 | 26.6 | 26.3 | 26.9 | 27.3                                       | 26.4 | 27.1 | 26.8 | 27.5 | 27.9 |
| 8H   | 8H  | 25.8 | 26.5 | 26.2 | 26.9 | 27.3                                       | 26.4 | 27.0 | 26.8 | 27.4 | 27.8 |
|  | 12H   | 25.8 | 26.4 | 26.2 | 26.8 | 27.2                                       | 26.3 | 26.9 | 26.8 | 27.3 | 27.8 |
|  | 4H  | 25.8 | 26.5 | 26.3 | 26.9 | 27.3                                       | 26.4 | 27.0 | 26.8 | 27.4 | 27.8 |
|  | 6H  | 25.8 | 26.3 | 26.2 | 26.7 | 27.2                                       | 26.3 | 26.9 | 26.8 | 27.3 | 27.7 |
|  | 8H  | 25.7 | 26.2 | 26.2 | 26.7 | 27.1                                       | 26.3 | 26.8 | 26.8 | 27.2 | 27.7 |
| 12H  | 12H   | 25.7 | 26.1 | 26.2 | 26.6 | 27.1                                       | 26.3 | 26.7 | 26.7 | 27.1 | 27.6 |
|  | 4H  | 25.8 | 26.4 | 26.3 | 26.8 | 27.2                                       | 26.4 | 26.9 | 26.8 | 27.4 | 27.8 |
|  | 6H  | 25.7 | 26.2 | 26.2 | 26.7 | 27.1                                       | 26.3 | 26.8 | 26.8 | 27.2 | 27.7 |
| 8H   | 25.7  | 26.1 | 26.2 | 26.6 | 27.1 | 26.3                                       | 26.7 | 26.7 | 27.1 | 27.6 |      |
| Variation of the observer position for the luminaire distances S |   |      |      |      |      |  |      |      |      |      |      |
| S = 1.0H   | +0.3 / -0.3                                       |      |      |      |      | +0.2 / -0.2                                |      |      |      |      |      |
| S = 1.5H   | +1.2 / -1.7                                       |      |      |      |      | +1.0 / -1.1                                |      |      |      |      |      |
| S = 2.0H   | +2.3 / -5.2                                       |      |      |      |      | +1.9 / -3.7                                |      |      |      |      |      |
| Standard table   | BK01  |      |      |      |      | BK01                                       |      |      |      |      |      |
| Correction Summand   | 8.1   |      |      |      |      | 8.6  |      |      |      |      |      |
| Corrected Glare Indices referring to 10700lm Total Luminous Flux |   |      |      |      |      |  |      |      |      |      |      |

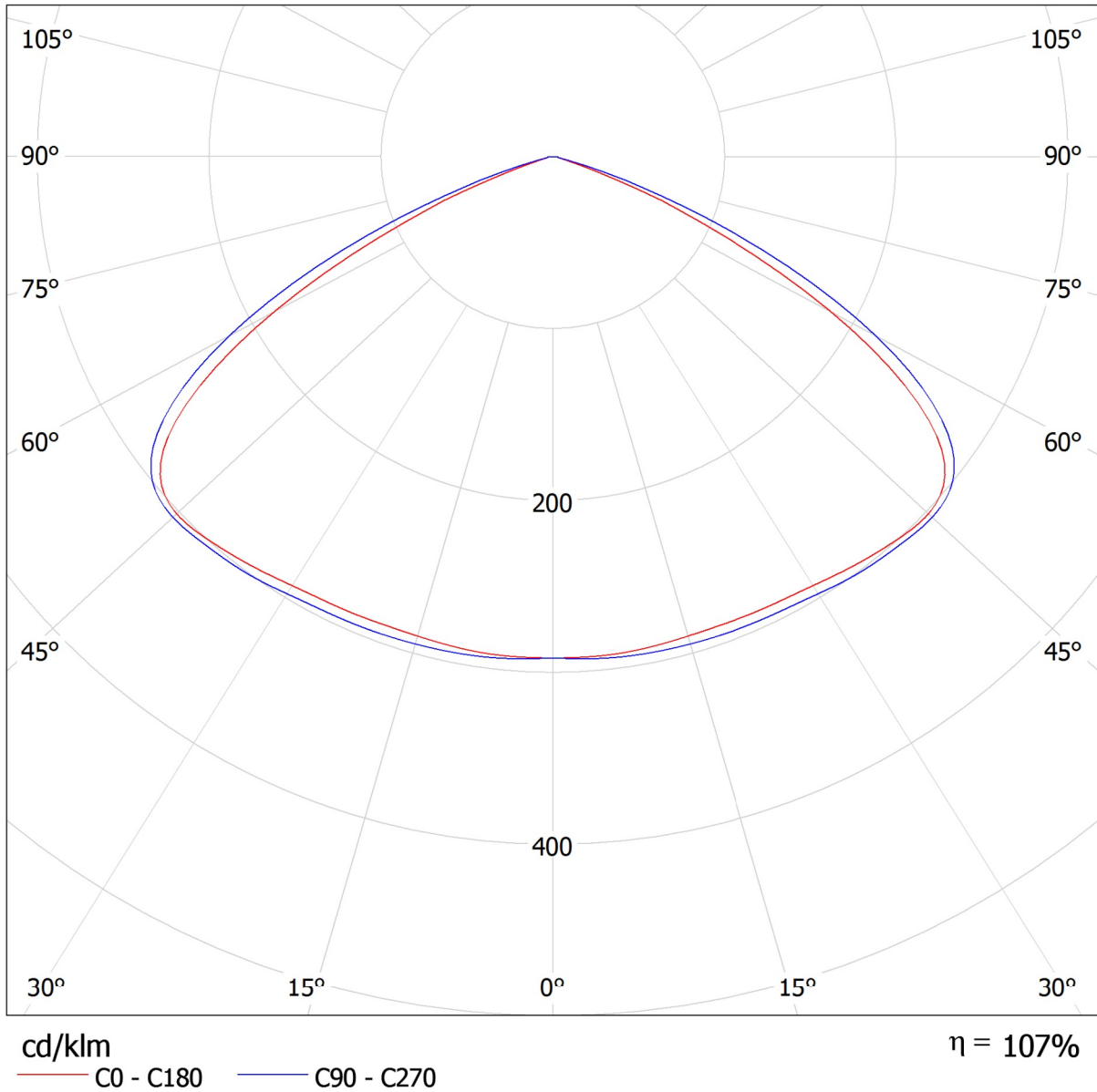
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### GlacialLight GL-BL100-NW-4000K-120D-Lens-no lampshade / LDC (Polar)

Luminaire: GlacialLight GL-BL100-NW-4000K-120D-Lens-no lampshade  
Lamps: 1 x Bay Light



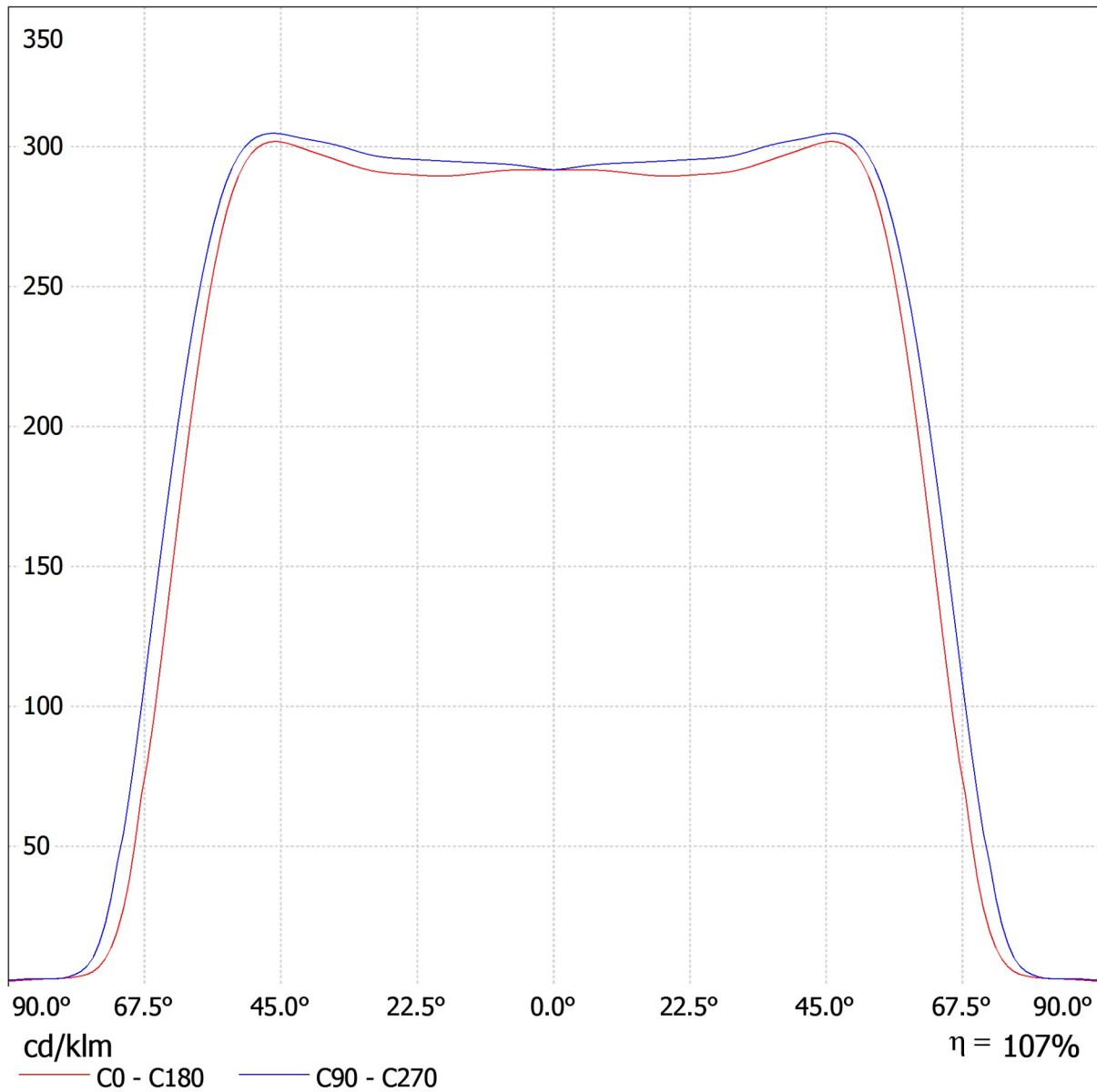
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## GlacialLight GL-BL100-NW-4000K-120D-Lens-no lampshade / LDC (Linear)

Luminaire: GlacialLight GL-BL100-NW-4000K-120D-Lens-no lampshade  
Lamps: 1 x Bay Light



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**GlacialLight GL-BL100-NW-4000K-120D-Lens-no lampshade / UGR-Table**

Luminaire: GlacialLight GL-BL100-NW-4000K-120D-Lens-no lampshade  
Lamps: 1 x Bay Light

| <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  | 25.3  | 26.6 | 25.6 | 26.9 | 27.1 | 25.6                                       | 27.0 | 25.9 | 27.2 | 27.5 |
|  | 3H  | 25.5  | 26.7 | 25.8 | 27.0 | 27.3 | 26.1                                       | 27.3 | 26.4 | 27.6 | 27.8 |
|  | 4H  | 25.4  | 26.6 | 25.8 | 26.8 | 27.1 | 26.1                                       | 27.2 | 26.4 | 27.5 | 27.7 |
|  | 6H  | 25.4  | 26.4 | 25.7 | 26.7 | 27.0 | 26.0                                       | 27.0 | 26.3 | 27.3 | 27.6 |
|  | 8H  | 25.3  | 26.3 | 25.7 | 26.6 | 27.0 | 25.9                                       | 26.9 | 26.3 | 27.2 | 27.6 |
|  | 12H | 25.3  | 26.2 | 25.7 | 26.6 | 26.9 | 25.9                                       | 26.8 | 26.3 | 27.2 | 27.5 |
| 4H   | 2H  | 25.7  | 26.8 | 26.1 | 27.1 | 27.4 | 26.0                                       | 27.1 | 26.3 | 27.4 | 27.7 |
|  | 3H  | 26.0  | 26.9 | 26.3 | 27.2 | 27.6 | 26.5                                       | 27.4 | 26.9 | 27.8 | 28.1 |
|  | 4H  | 25.9  | 26.7 | 26.3 | 27.1 | 27.4 | 26.5                                       | 27.3 | 26.9 | 27.6 | 28.0 |
|  | 6H  | 25.8  | 26.6 | 26.3 | 26.9 | 27.3 | 26.4                                       | 27.1 | 26.8 | 27.5 | 27.9 |
|  | 8H  | 25.8  | 26.5 | 26.2 | 26.9 | 27.3 | 26.4                                       | 27.0 | 26.8 | 27.4 | 27.8 |
|  | 12H | 25.8  | 26.4 | 26.2 | 26.8 | 27.2 | 26.3                                       | 26.9 | 26.8 | 27.3 | 27.8 |
| 8H   | 4H  | 25.8  | 26.5 | 26.3 | 26.9 | 27.3 | 26.4                                       | 27.0 | 26.8 | 27.4 | 27.8 |
|  | 6H  | 25.8  | 26.3 | 26.2 | 26.7 | 27.2 | 26.3                                       | 26.9 | 26.8 | 27.3 | 27.7 |
|  | 8H  | 25.7  | 26.2 | 26.2 | 26.7 | 27.1 | 26.3                                       | 26.8 | 26.8 | 27.2 | 27.7 |
|  | 12H | 25.7  | 26.1 | 26.2 | 26.6 | 27.1 | 26.3                                       | 26.7 | 26.7 | 27.1 | 27.6 |
| 12H  | 4H  | 25.8  | 26.4 | 26.3 | 26.8 | 27.2 | 26.4                                       | 26.9 | 26.8 | 27.4 | 27.8 |
|  | 6H  | 25.7  | 26.2 | 26.2 | 26.7 | 27.1 | 26.3                                       | 26.8 | 26.8 | 27.2 | 27.7 |
|  | 8H  | 25.7  | 26.1 | 26.2 | 26.6 | 27.1 | 26.3                                       | 26.7 | 26.7 | 27.1 | 27.6 |
| Variation of the observer position for the luminaire distances S |     |   |      |      |      |      |  |      |      |      |      |
| S = 1.0H   |     | +0.3 / -0.3                                       |      |      |      |      | +0.2 / -0.2                                |      |      |      |      |
| S = 1.5H   |     | +1.2 / -1.7                                       |      |      |      |      | +1.0 / -1.1                                |      |      |      |      |
| S = 2.0H   |     | +2.3 / -5.2                                       |      |      |      |      | +1.9 / -3.7                                |      |      |      |      |
| Standard table   |     | BK01  |      |      |      |      | BK01                                       |      |      |      |      |
| Correction<br>Summand  |     | 8.1   |      |      |      |      | 8.6  |      |      |      |      |
| Corrected Glare Indices referring to 10700lm 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-BL100-NW-4000K-120D-Lens-no lampshade / Glare Data Sheet

Luminaire: GlacialLight GL-BL100-  
NW-4000K-120D-Lens-no  
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<br>X Y   |             | Viewing direction at right angles<br>to lamp axis |      |      |      |             | Viewing direction parallel<br>to lamp axis |      |      |      |      |
| 2H   | 2H          | 25.3  | 26.6 | 25.6 | 26.9 | 27.1        | 25.6                                       | 27.0 | 25.9 | 27.2 | 27.5 |
|  | 3H          | 25.5  | 26.7 | 25.8 | 27.0 | 27.3        | 26.1                                       | 27.3 | 26.4 | 27.6 | 27.8 |
|  | 4H          | 25.4  | 26.6 | 25.8 | 26.8 | 27.1        | 26.1                                       | 27.2 | 26.4 | 27.5 | 27.7 |
|  | 6H          | 25.4  | 26.4 | 25.7 | 26.7 | 27.0        | 26.0                                       | 27.0 | 26.3 | 27.3 | 27.6 |
|  | 8H          | 25.3  | 26.3 | 25.7 | 26.6 | 27.0        | 25.9                                       | 26.9 | 26.3 | 27.2 | 27.6 |
| 4H   | 12H         | 25.3  | 26.2 | 25.7 | 26.6 | 26.9        | 25.9                                       | 26.8 | 26.3 | 27.2 | 27.5 |
|  | 2H          | 25.7  | 26.8 | 26.1 | 27.1 | 27.4        | 26.0                                       | 27.1 | 26.3 | 27.4 | 27.7 |
|  | 3H          | 26.0  | 26.9 | 26.3 | 27.2 | 27.6        | 26.5                                       | 27.4 | 26.9 | 27.8 | 28.1 |
|  | 4H          | 25.9  | 26.7 | 26.3 | 27.1 | 27.4        | 26.5                                       | 27.3 | 26.9 | 27.6 | 28.0 |
|  | 6H          | 25.8  | 26.6 | 26.3 | 26.9 | 27.3        | 26.4                                       | 27.1 | 26.8 | 27.5 | 27.9 |
| 8H   | 8H          | 25.8  | 26.5 | 26.2 | 26.9 | 27.3        | 26.4                                       | 27.0 | 26.8 | 27.4 | 27.8 |
|  | 12H         | 25.8  | 26.4 | 26.2 | 26.8 | 27.2        | 26.3                                       | 26.9 | 26.8 | 27.3 | 27.8 |
|  | 4H          | 25.8  | 26.5 | 26.3 | 26.9 | 27.3        | 26.4                                       | 27.0 | 26.8 | 27.4 | 27.8 |
|  | 6H          | 25.8  | 26.3 | 26.2 | 26.7 | 27.2        | 26.3                                       | 26.9 | 26.8 | 27.3 | 27.7 |
|  | 8H          | 25.7  | 26.2 | 26.2 | 26.7 | 27.1        | 26.3                                       | 26.8 | 26.8 | 27.2 | 27.7 |
| 12H  | 12H         | 25.7  | 26.1 | 26.2 | 26.6 | 27.1        | 26.3                                       | 26.7 | 26.7 | 27.1 | 27.6 |
|  | 4H          | 25.8  | 26.4 | 26.3 | 26.8 | 27.2        | 26.4                                       | 26.9 | 26.8 | 27.4 | 27.8 |
|  | 6H          | 25.7  | 26.2 | 26.2 | 26.7 | 27.1        | 26.3                                       | 26.8 | 26.8 | 27.2 | 27.7 |
|  | 8H          | 25.7  | 26.1 | 26.2 | 26.6 | 27.1        | 26.3                                       | 26.7 | 26.7 | 27.1 | 27.6 |
| Variation of the observer position for the luminaire distances S |             |   |      |      |      |             |  |      |      |      |      |
| S = 1.0H   | +0.3 / -0.3 |   |      |      |      | +0.2 / -0.2 |  |      |      |      |      |
| S = 1.5H   | +1.2 / -1.7 |   |      |      |      | +1.0 / -1.1 |  |      |      |      |      |
| S = 2.0H   | +2.3 / -5.2 |   |      |      |      | +1.9 / -3.7 |  |      |      |      |      |
| Standard table   | BK01        |   |      |      |      | BK01        |  |      |      |      |      |
| Correction<br>Summand  | 8.1         |   |      |      |      | 8.6         |  |      |      |      |      |
| Corrected Glare Indices referring to 10700lm Total Luminous Flux |             |   |      |      |      |             |  |      |      |      |      |

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

