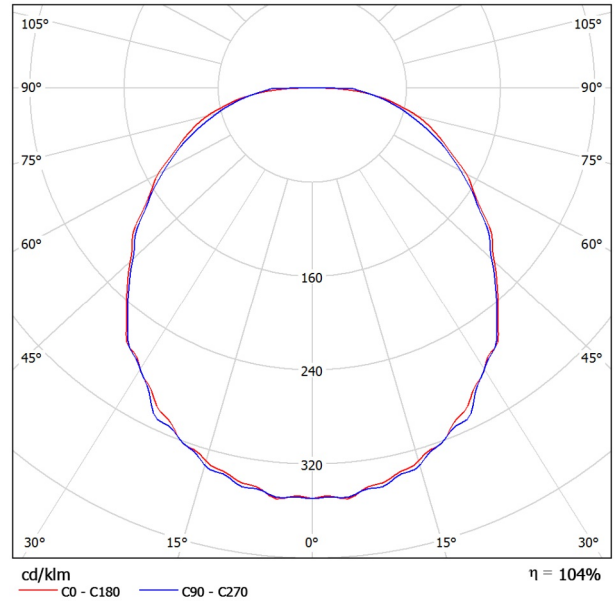


Operator  
Telephone  
Fax  
e-Mail

## GlacialLight GL-BL50-WW-3000K-110D-Frosted-without 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: 44 74 92 100 104

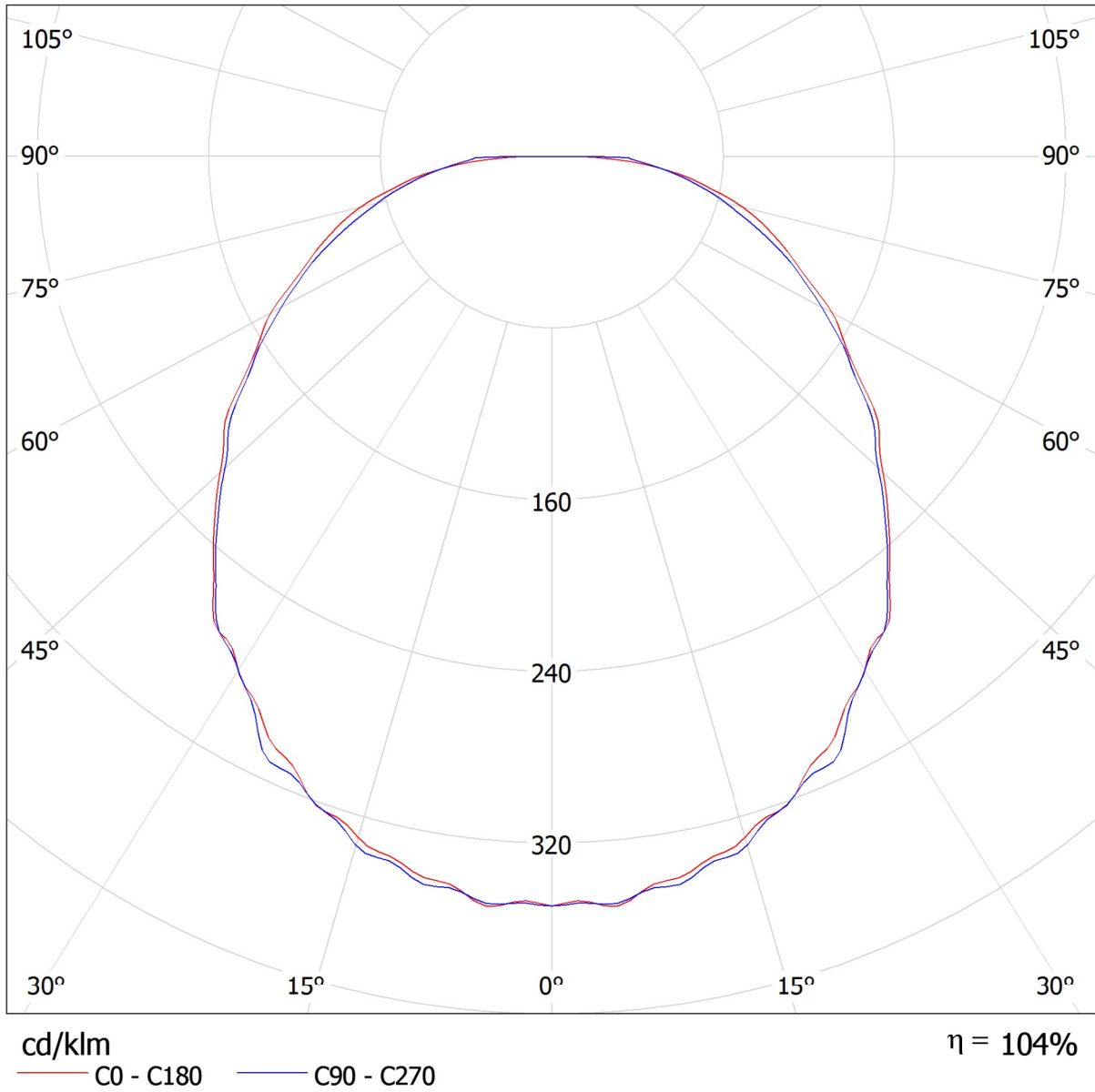
### Luminous emittance 1:

| 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  | 19.0 | 20.4 | 19.3 | 20.6 | 20.9                                       | 18.9 | 20.3 | 19.2 | 20.5 | 20.8 |
|  | 3H  | 20.4 | 21.7 | 20.7 | 21.9 | 22.2                                       | 20.2 | 21.5 | 20.6 | 21.8 | 22.0 |
|  | 4H  | 21.0 | 22.2 | 21.4 | 22.5 | 22.8                                       | 20.8 | 22.0 | 21.1 | 22.3 | 22.6 |
|  | 6H  | 21.5 | 22.6 | 21.9 | 22.9 | 23.2                                       | 21.2 | 22.4 | 21.6 | 22.7 | 23.0 |
|  | 8H  | 21.7 | 22.8 | 22.0 | 23.1 | 23.4                                       | 21.4 | 22.5 | 21.8 | 22.8 | 23.1 |
|  | 12H   | 21.8 | 22.8 | 22.2 | 23.1 | 23.5                                       | 21.5 | 22.6 | 21.9 | 22.9 | 23.2 |
| 4H   | 2H  | 19.6 | 20.8 | 20.0 | 21.1 | 21.4                                       | 19.5 | 20.7 | 19.9 | 21.0 | 21.3 |
|  | 3H  | 21.2 | 22.2 | 21.6 | 22.6 | 22.9                                       | 21.1 | 22.1 | 21.5 | 22.4 | 22.8 |
|  | 4H  | 21.9 | 22.9 | 22.3 | 23.2 | 23.6                                       | 21.8 | 22.7 | 22.2 | 23.0 | 23.4 |
|  | 6H  | 22.6 | 23.4 | 23.0 | 23.8 | 24.2                                       | 22.3 | 23.2 | 22.8 | 23.5 | 23.9 |
|  | 8H  | 22.8 | 23.5 | 23.2 | 23.9 | 24.4                                       | 22.6 | 23.3 | 23.0 | 23.7 | 24.1 |
|  | 12H   | 22.9 | 23.6 | 23.4 | 24.0 | 24.5                                       | 22.8 | 23.5 | 23.2 | 23.9 | 24.3 |
| 8H   | 4H  | 22.2 | 23.0 | 22.7 | 23.4 | 23.8                                       | 22.1 | 22.8 | 22.5 | 23.2 | 23.6 |
|  | 6H  | 23.0 | 23.6 | 23.5 | 24.1 | 24.5                                       | 22.8 | 23.4 | 23.3 | 23.9 | 24.3 |
|  | 8H  | 23.3 | 23.9 | 23.8 | 24.3 | 24.8                                       | 23.1 | 23.7 | 23.6 | 24.1 | 24.6 |
|  | 12H   | 23.6 | 24.1 | 24.1 | 24.5 | 25.0                                       | 23.4 | 23.9 | 23.9 | 24.4 | 24.9 |
| 12H  | 4H  | 22.3 | 23.0 | 22.7 | 23.4 | 23.8                                       | 22.1 | 22.8 | 22.6 | 23.2 | 23.6 |
|  | 6H  | 23.1 | 23.7 | 23.6 | 24.1 | 24.6                                       | 22.9 | 23.5 | 23.4 | 23.9 | 24.4 |
|  | 8H  | 23.5 | 24.0 | 24.0 | 24.4 | 24.9                                       | 23.3 | 23.8 | 23.8 | 24.2 | 24.7 |
| 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   | +0.4 / -0.7                                       |      |      |      |      | +0.4 / -0.7                                |      |      |      |      |      |
| Standard table   | BK06  |      |      |      |      | BK06                                       |      |      |      |      |      |
| Correction Summand   | 6.3   |      |      |      |      | 6.2  |      |      |      |      |      |
| Corrected Glare Indices referring to 440lm Total Luminous Flux   |   |      |      |      |      |  |      |      |      |      |      |

Operator  
Telephone  
Fax  
e-Mail

**GlacialLight GL-BL50-WW-3000K-110D-Frosted-without lampshade / LDC (Polar)**

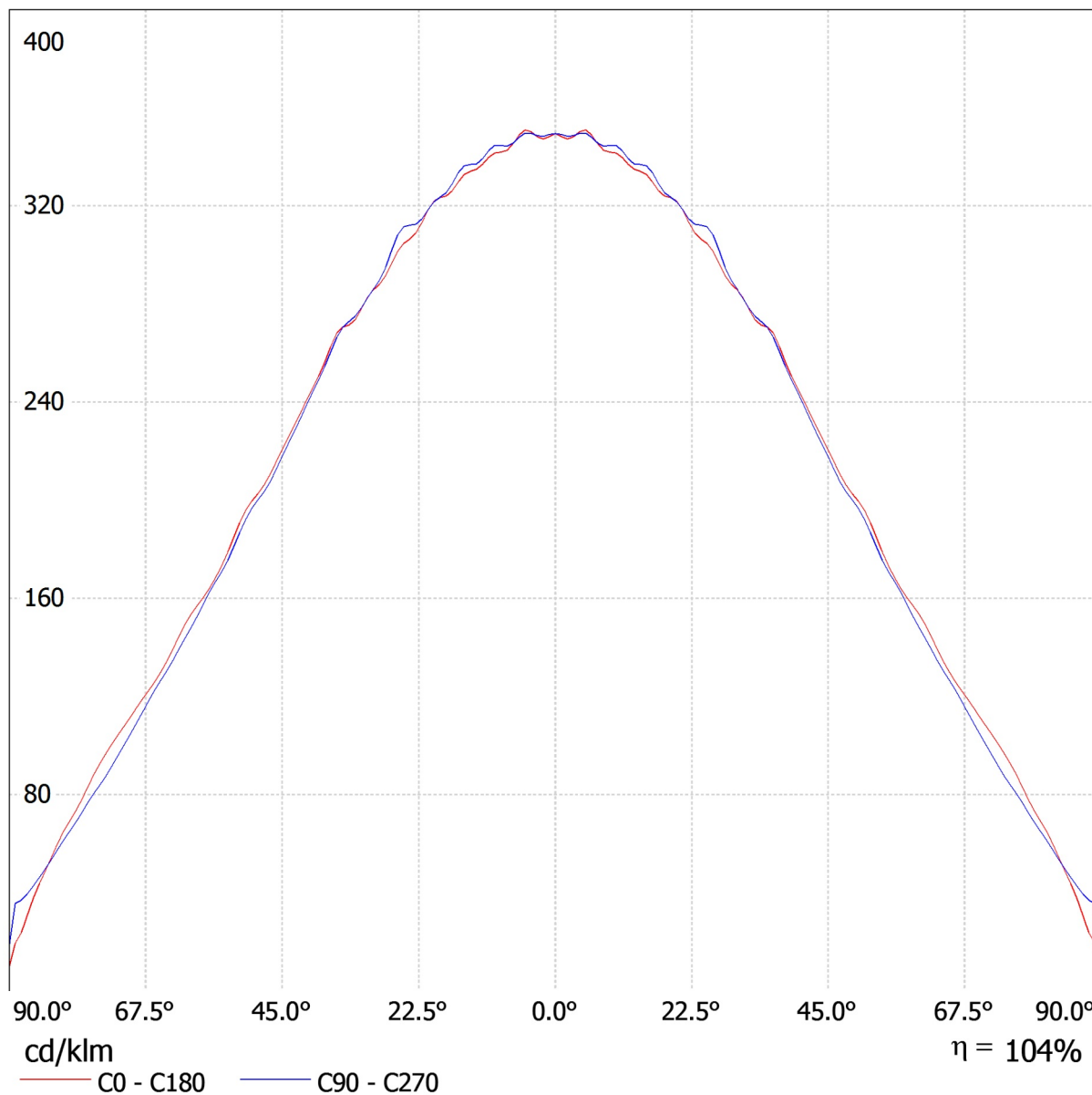
Luminaire: GlacialLight GL-BL50-WW-3000K-110D-Frosted-without lampshade  
Lamps: 1 x GL-BL50-WW-3000K-110D-Frosted-without lampshade



Operator  
Telephone  
Fax  
e-Mail

**GlacialLight GL-BL50-WW-3000K-110D-Frosted-without lampshade / LDC (Linear)**

Luminaire: GlacialLight GL-BL50-WW-3000K-110D-Frosted-without lampshade  
Lamps: 1 x GL-BL50-WW-3000K-110D-Frosted-without lampshade



Operator  
Telephone  
Fax  
e-Mail

## GlacialLight GL-BL50-WW-3000K-110D-Frosted-without lampshade / UGR-Table

Luminaire: GlacialLight GL-BL50-WW-3000K-110D-Frosted-without lampshade  
Lamps: 1 x GL-BL50-WW-3000K-110D-Frosted-without lampshade

| <b>Glare Evaluation According to UGR</b>                         |             |   |      |      |      |             |  |      |      |      |      |
|--|-------------|---|------|------|------|-------------|--|------|------|------|------|
| $\rho$ Ceiling   | 70          | 70  | 50   | 50   | 30   | 70          | 70   | 50   | 50   | 30   |      |
| $\rho$ Walls   | 50          | 30  | 50   | 30   | 30   | 50          | 30   | 50   | 30   | 30   |      |
| $\rho$ 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          | 19.0  | 20.4 | 19.3 | 20.6 | 20.9        | 18.9                                       | 20.3 | 19.2 | 20.5 | 20.8 |
|  | 3H          | 20.4  | 21.7 | 20.7 | 21.9 | 22.2        | 20.2                                       | 21.5 | 20.6 | 21.8 | 22.0 |
|  | 4H          | 21.0  | 22.2 | 21.4 | 22.5 | 22.8        | 20.8                                       | 22.0 | 21.1 | 22.3 | 22.6 |
|  | 6H          | 21.5  | 22.6 | 21.9 | 22.9 | 23.2        | 21.2                                       | 22.4 | 21.6 | 22.7 | 23.0 |
|  | 8H          | 21.7  | 22.8 | 22.0 | 23.1 | 23.4        | 21.4                                       | 22.5 | 21.8 | 22.8 | 23.1 |
|  | 12H         | 21.8  | 22.8 | 22.2 | 23.1 | 23.5        | 21.5                                       | 22.6 | 21.9 | 22.9 | 23.2 |
| 4H   | 2H          | 19.6  | 20.8 | 20.0 | 21.1 | 21.4        | 19.5                                       | 20.7 | 19.9 | 21.0 | 21.3 |
|  | 3H          | 21.2  | 22.2 | 21.6 | 22.6 | 22.9        | 21.1                                       | 22.1 | 21.5 | 22.4 | 22.8 |
|  | 4H          | 21.9  | 22.9 | 22.3 | 23.2 | 23.6        | 21.8                                       | 22.7 | 22.2 | 23.0 | 23.4 |
|  | 6H          | 22.6  | 23.4 | 23.0 | 23.8 | 24.2        | 22.3                                       | 23.2 | 22.8 | 23.5 | 23.9 |
|  | 8H          | 22.8  | 23.5 | 23.2 | 23.9 | 24.4        | 22.6                                       | 23.3 | 23.0 | 23.7 | 24.1 |
|  | 12H         | 22.9  | 23.6 | 23.4 | 24.0 | 24.5        | 22.8                                       | 23.5 | 23.2 | 23.9 | 24.3 |
| 8H   | 4H          | 22.2  | 23.0 | 22.7 | 23.4 | 23.8        | 22.1                                       | 22.8 | 22.5 | 23.2 | 23.6 |
|  | 6H          | 23.0  | 23.6 | 23.5 | 24.1 | 24.5        | 22.8                                       | 23.4 | 23.3 | 23.9 | 24.3 |
|  | 8H          | 23.3  | 23.9 | 23.8 | 24.3 | 24.8        | 23.1                                       | 23.7 | 23.6 | 24.1 | 24.6 |
|  | 12H         | 23.6  | 24.1 | 24.1 | 24.5 | 25.0        | 23.4                                       | 23.9 | 23.9 | 24.4 | 24.9 |
| 12H  | 4H          | 22.3  | 23.0 | 22.7 | 23.4 | 23.8        | 22.1                                       | 22.8 | 22.6 | 23.2 | 23.6 |
|  | 6H          | 23.1  | 23.7 | 23.6 | 24.1 | 24.6        | 22.9                                       | 23.5 | 23.4 | 23.9 | 24.4 |
|  | 8H          | 23.5  | 24.0 | 24.0 | 24.4 | 24.9        | 23.3                                       | 23.8 | 23.8 | 24.2 | 24.7 |
| 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   | +0.4 / -0.7 |   |      |      |      | +0.4 / -0.7 |  |      |      |      |      |
| Standard table   | BK06        |   |      |      |      | BK06        |  |      |      |      |      |
| Correction<br>Summand  | 6.3         |   |      |      |      | 6.2         |  |      |      |      |      |
| Corrected Glare Indices referring to 4400lm Total Luminous Flux  |             |   |      |      |      |             |  |      |      |      |      |

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

Operator  
Telephone  
Fax  
e-Mail

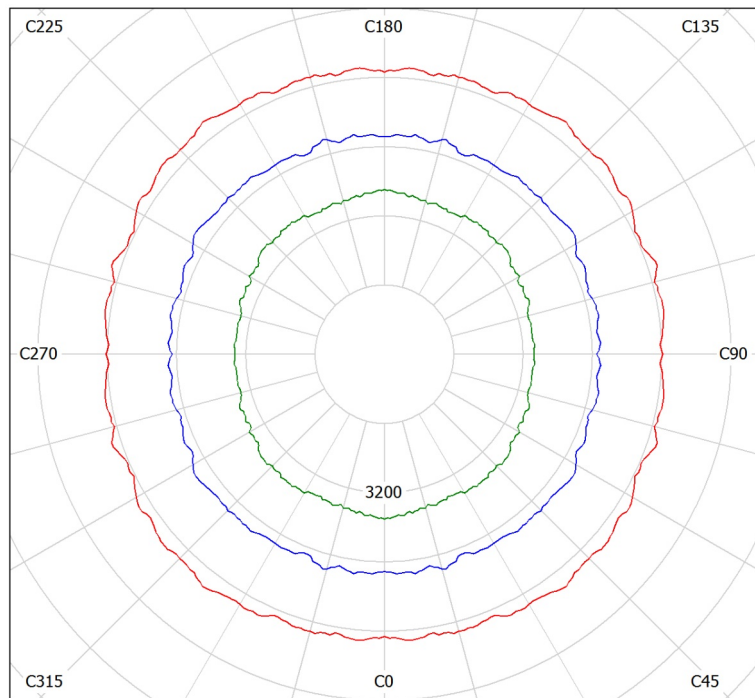
## GlacialLight GL-BL50-WW-3000K-110D-Frosted-without lampshade / Glare Data Sheet

Luminaire: GlacialLight GL-BL50-WW-3000K-110D-Frosted-without lampshade

Lamps: 1 x GL-BL50-WW-3000K-110D-Frosted-without lampshade

| 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<br>Y  | Viewing direction at right angles<br>to lamp axis |      |      |      |      | Viewing direction parallel<br>to lamp axis |      |      |      |      |      |
| 2H   | 2H  | 19.0 | 20.4 | 19.3 | 20.6 | 20.9                                       | 18.9 | 20.3 | 19.2 | 20.5 | 20.8 |
|  | 3H  | 20.4 | 21.7 | 20.7 | 21.9 | 22.2                                       | 20.2 | 21.5 | 20.6 | 21.8 | 22.0 |
|  | 4H  | 21.0 | 22.2 | 21.4 | 22.5 | 22.8                                       | 20.8 | 22.0 | 21.1 | 22.3 | 22.6 |
|  | 6H  | 21.5 | 22.6 | 21.9 | 22.9 | 23.2                                       | 21.2 | 22.4 | 21.6 | 22.7 | 23.0 |
|  | 8H  | 21.7 | 22.8 | 22.0 | 23.1 | 23.4                                       | 21.4 | 22.5 | 21.8 | 22.8 | 23.1 |
|  | 12H   | 21.8 | 22.8 | 22.2 | 23.1 | 23.5                                       | 21.5 | 22.6 | 21.9 | 22.9 | 23.2 |
| 4H   | 2H  | 19.6 | 20.8 | 20.0 | 21.1 | 21.4                                       | 19.5 | 20.7 | 19.9 | 21.0 | 21.3 |
|  | 3H  | 21.2 | 22.2 | 21.6 | 22.6 | 22.9                                       | 21.1 | 22.1 | 21.5 | 22.4 | 22.8 |
|  | 4H  | 21.9 | 22.9 | 22.3 | 23.2 | 23.6                                       | 21.8 | 22.7 | 22.2 | 23.0 | 23.4 |
|  | 6H  | 22.6 | 23.4 | 23.0 | 23.8 | 24.2                                       | 22.3 | 23.2 | 22.8 | 23.5 | 23.9 |
|  | 8H  | 22.8 | 23.5 | 23.2 | 23.9 | 24.4                                       | 22.6 | 23.3 | 23.0 | 23.7 | 24.1 |
|  | 12H   | 22.9 | 23.6 | 23.4 | 24.0 | 24.5                                       | 22.8 | 23.5 | 23.2 | 23.9 | 24.3 |
| 8H   | 4H  | 22.2 | 23.0 | 22.7 | 23.4 | 23.8                                       | 22.1 | 22.8 | 22.5 | 23.2 | 23.6 |
|  | 6H  | 23.0 | 23.6 | 23.5 | 24.1 | 24.5                                       | 22.8 | 23.4 | 23.3 | 23.9 | 24.3 |
|  | 8H  | 23.3 | 23.9 | 23.8 | 24.3 | 24.8                                       | 23.1 | 23.7 | 23.6 | 24.1 | 24.6 |
|  | 12H   | 23.6 | 24.1 | 24.1 | 24.5 | 25.0                                       | 23.4 | 23.9 | 23.9 | 24.4 | 24.9 |
| 12H  | 4H  | 22.3 | 23.0 | 22.7 | 23.4 | 23.8                                       | 22.1 | 22.8 | 22.6 | 23.2 | 23.6 |
|  | 6H  | 23.1 | 23.7 | 23.6 | 24.1 | 24.6                                       | 22.9 | 23.5 | 23.4 | 23.9 | 24.4 |
|  | 8H  | 23.5 | 24.0 | 24.0 | 24.4 | 24.9                                       | 23.3 | 23.8 | 23.8 | 24.2 | 24.7 |
| 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   | +0.4 / -0.7                                       |      |      |      |      | +0.4 / -0.7                                |      |      |      |      |      |
| Standard table<br>Correction<br>Summand                          | BK06<br>6.3                                       |      |      |      |      | BK06<br>6.2                                |      |      |      |      |      |
| Corrected Glare Indices referring to 4400lm Total Luminous Flux  |   |      |      |      |      |  |      |      |      |      |      |

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



cd/m<sup>2</sup>  
— g = 55.0°    — g = 65.0°    — g = 75.0°