

<http://www.glaciallight.com>

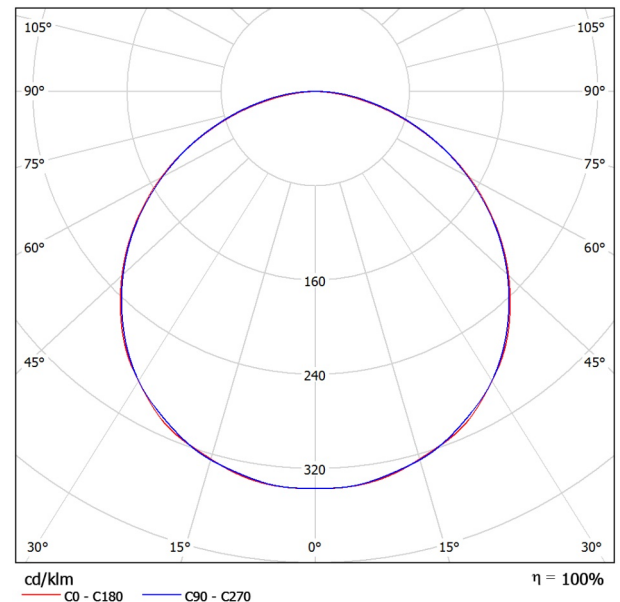
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## GlacialLight GL-DL08-SM-NW-4000K-110D / Luminaire Data Sheet

### Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100  
CIE flux code: 46 78 95 100 100

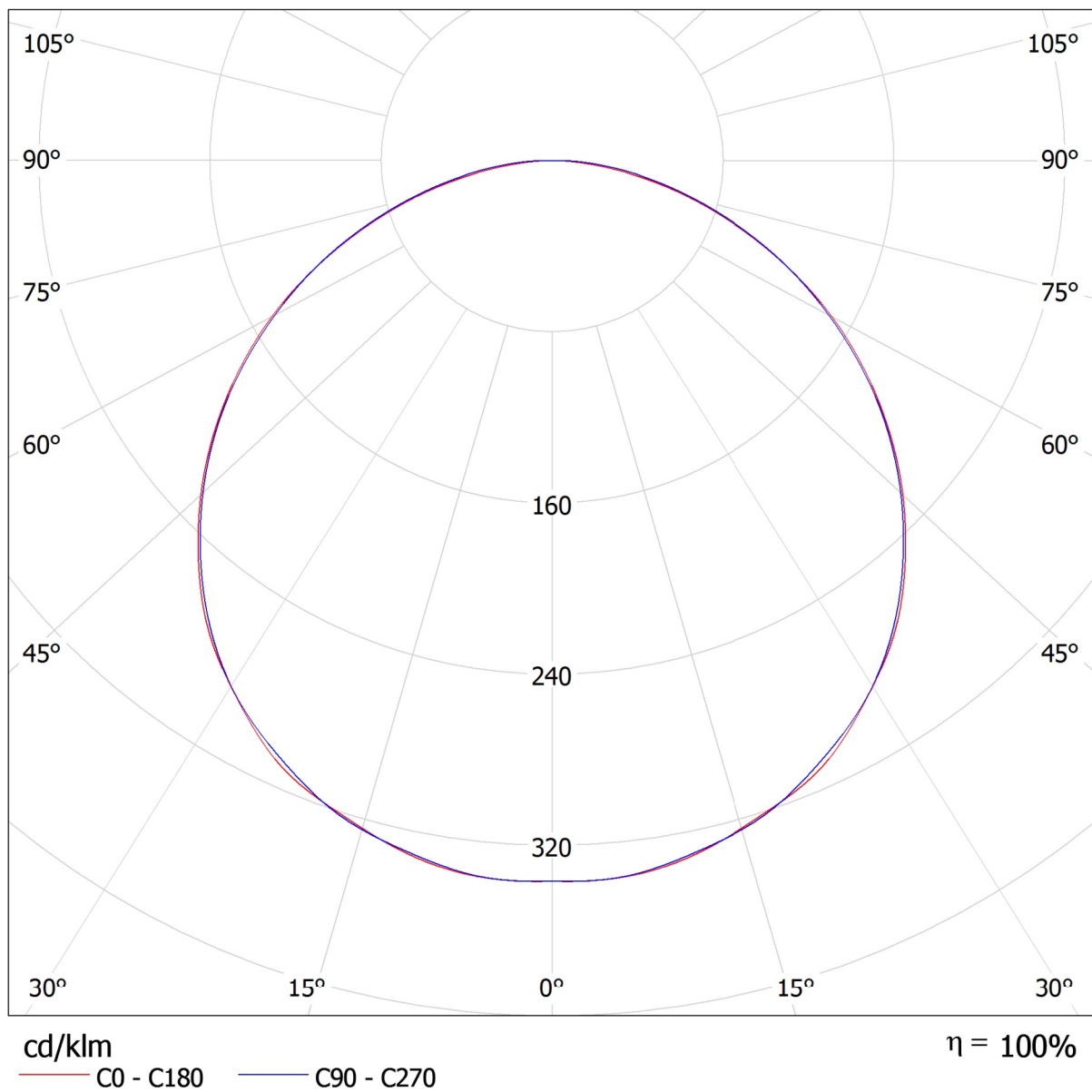
### Luminous emittance 1:

| Glare Evaluation According to UGR                                |     |   |      |      |      |      |  |      |      |      |      |
|--|-----|---|------|------|------|------|--|------|------|------|------|
| p Ceiling  |     | 70  | 70   | 50   | 50   | 30   | 70   | 70   | 50   | 50   | 30   |
| p Walls  |     | 50  | 30   | 50   | 30   | 30   | 50   | 30   | 50   | 30   | 30   |
| p 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  | 19.8  | 21.1 | 20.1 | 21.4 | 21.6 | 19.8                                       | 21.1 | 20.1 | 21.4 | 21.6 |
|  | 3H  | 21.2  | 22.4 | 21.5 | 22.6 | 22.9 | 21.2                                       | 22.4 | 21.5 | 22.7 | 22.9 |
|  | 4H  | 21.6  | 22.8 | 22.0 | 23.1 | 23.3 | 21.7                                       | 22.8 | 22.0 | 23.1 | 23.4 |
|  | 6H  | 21.9  | 23.0 | 22.3 | 23.3 | 23.6 | 22.0                                       | 23.1 | 22.4 | 23.4 | 23.7 |
|  | 8H  | 22.0  | 23.0 | 22.3 | 23.3 | 23.6 | 22.1                                       | 23.2 | 22.5 | 23.5 | 23.8 |
| 4H   | 12H | 22.0  | 23.0 | 22.4 | 23.3 | 23.6 | 22.2                                       | 23.2 | 22.6 | 23.5 | 23.8 |
|  | 2H  | 20.4  | 21.6 | 20.8 | 21.9 | 22.1 | 20.4                                       | 21.6 | 20.8 | 21.8 | 22.1 |
|  | 3H  | 21.9  | 22.9 | 22.3 | 23.2 | 23.6 | 22.0                                       | 23.0 | 22.4 | 23.3 | 23.6 |
|  | 4H  | 22.5  | 23.4 | 22.9 | 23.7 | 24.1 | 22.6                                       | 23.5 | 23.0 | 23.8 | 24.2 |
|  | 6H  | 22.9  | 23.7 | 23.3 | 24.0 | 24.4 | 23.1                                       | 23.8 | 23.5 | 24.2 | 24.6 |
| 8H   | 8H  | 23.0  | 23.7 | 23.4 | 24.1 | 24.5 | 23.2                                       | 23.9 | 23.7 | 24.3 | 24.7 |
|  | 12H | 23.0  | 23.7 | 23.5 | 24.1 | 24.5 | 23.3                                       | 23.9 | 23.8 | 24.3 | 24.8 |
|  | 2H  | 22.8  | 23.5 | 23.2 | 23.9 | 24.3 | 22.8                                       | 23.5 | 23.3 | 23.9 | 24.4 |
|  | 6H  | 23.2  | 23.8 | 23.7 | 24.2 | 24.7 | 23.4                                       | 24.0 | 23.9 | 24.4 | 24.9 |
|  | 8H  | 23.4  | 23.9 | 23.9 | 24.3 | 24.8 | 23.6                                       | 24.1 | 24.1 | 24.6 | 25.1 |
| 12H  | 12H | 23.4  | 23.9 | 23.9 | 24.3 | 24.8 | 23.8                                       | 24.2 | 24.3 | 24.7 | 25.2 |
|  | 4H  | 22.8  | 23.4 | 23.2 | 23.8 | 24.3 | 22.9                                       | 23.5 | 23.3 | 23.9 | 24.3 |
|  | 6H  | 23.3  | 23.8 | 23.8 | 24.2 | 24.7 | 23.5                                       | 24.0 | 23.9 | 24.4 | 24.9 |
| 8H   | 8H  | 23.5  | 23.9 | 23.9 | 24.3 | 24.8 | 23.7                                       | 24.1 | 24.2 | 24.6 | 25.1 |
|  | 12H | 23.5  | 23.9 | 23.9 | 24.3 | 24.8 | 23.7                                       | 24.1 | 24.2 | 24.6 | 25.1 |
| Variation of the observer position for the luminaire distances S |     |   |      |      |      |      |  |      |      |      |      |
| S = 1.0H   |     | +0.1 / -0.2                                       |      |      |      |      | +0.1 / -0.2                                |      |      |      |      |
| S = 1.5H   |     | +0.3 / -0.5                                       |      |      |      |      | +0.3 / -0.4                                |      |      |      |      |
| S = 2.0H   |     | +0.5 / -0.9                                       |      |      |      |      | +0.5 / -0.8                                |      |      |      |      |
| Standard table   |     | BK05  |      |      |      |      | BK05                                       |      |      |      |      |
| Correction Summand   |     | 6.1   |      |      |      |      | 6.2  |      |      |      |      |
| Corrected Glare Indices referring to 1460lm Total Luminous Flux  |     |   |      |      |      |      |  |      |      |      |      |

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Telephone +886 2 2244-1227  
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e-Mail [sales@GlacialLight.com](mailto:sales@GlacialLight.com)**GlacialLight GL-DL08-SM-NW-4000K-110D / LDC (Polar)**

Luminaire: GlacialLight GL-DL08-SM-NW-4000K-110D

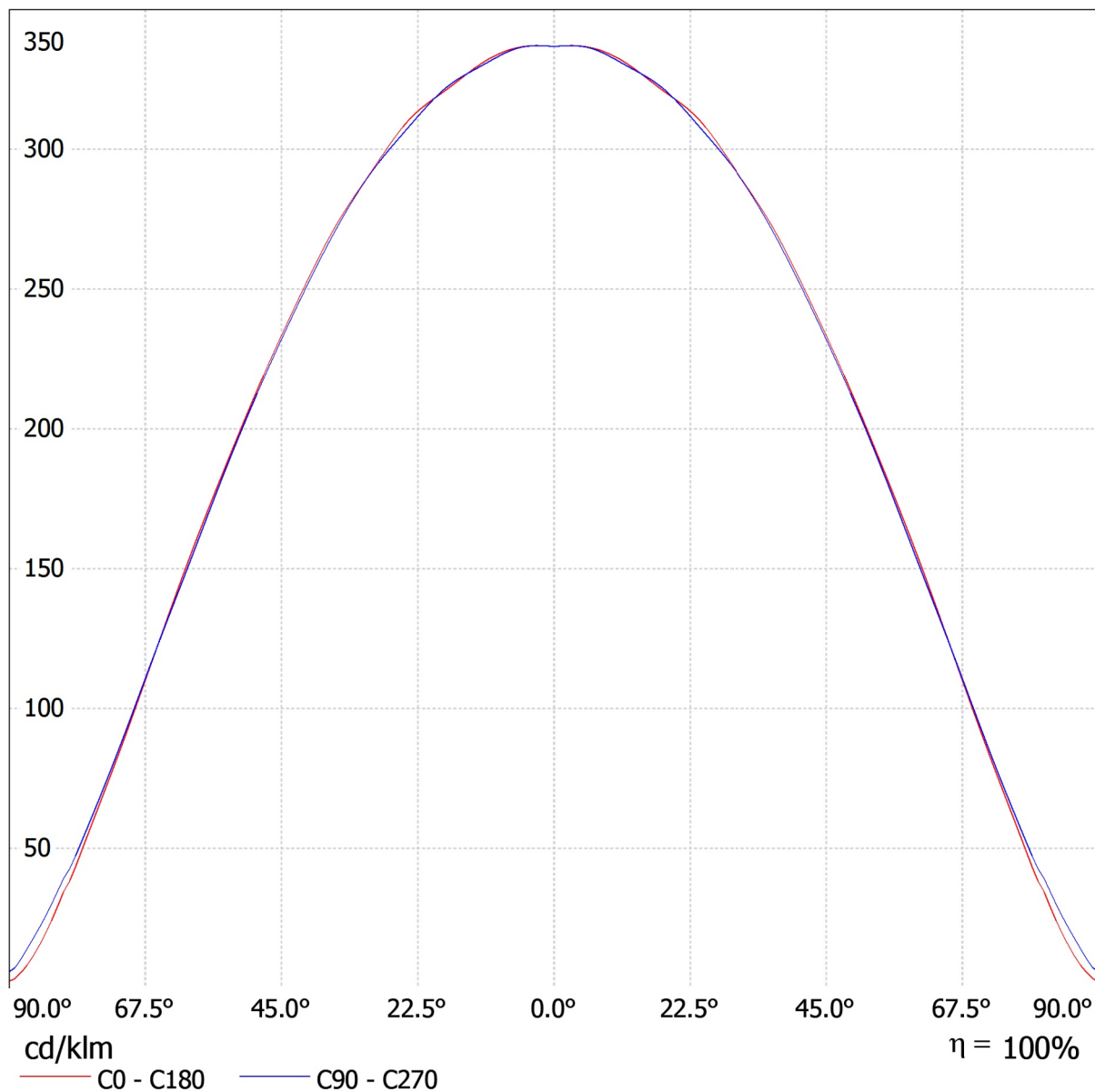
Lamps: 1 x GL-DL08-SM-NW-4000K-110D



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Telephone +886 2 2244-1227  
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e-Mail [sales@GlacialLight.com](mailto:sales@GlacialLight.com)**GlacialLight GL-DL08-SM-NW-4000K-110D / LDC (Linear)**

Luminaire: GlacialLight GL-DL08-SM-NW-4000K-110D

Lamps: 1 x GL-DL08-SM-NW-4000K-110D



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## GlacialLight GL-DL08-SM-NW-4000K-110D / UGR-Table

Luminaire: GlacialLight GL-DL08-SM-NW-4000K-110D

Lamps: 1 x GL-DL08-SM-NW-4000K-110D

| Glare Evaluation According to UGR                                |     |   |      |      |      |      |  |      |      |      |      |
|--|-----|---|------|------|------|------|--|------|------|------|------|
| $\rho$ 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  | 19.8  | 21.1 | 20.1 | 21.4 | 21.6 | 19.8                                       | 21.1 | 20.1 | 21.4 | 21.6 |
|  | 3H  | 21.2  | 22.4 | 21.5 | 22.6 | 22.9 | 21.2                                       | 22.4 | 21.5 | 22.7 | 22.9 |
|  | 4H  | 21.6  | 22.8 | 22.0 | 23.1 | 23.3 | 21.7                                       | 22.8 | 22.0 | 23.1 | 23.4 |
|  | 6H  | 21.9  | 23.0 | 22.3 | 23.3 | 23.6 | 22.0                                       | 23.1 | 22.4 | 23.4 | 23.7 |
|  | 8H  | 22.0  | 23.0 | 22.3 | 23.3 | 23.6 | 22.1                                       | 23.2 | 22.5 | 23.5 | 23.8 |
|  | 12H | 22.0  | 23.0 | 22.4 | 23.3 | 23.6 | 22.2                                       | 23.2 | 22.6 | 23.5 | 23.8 |
| 4H   | 2H  | 20.4  | 21.6 | 20.8 | 21.9 | 22.1 | 20.4                                       | 21.6 | 20.8 | 21.8 | 22.1 |
|  | 3H  | 21.9  | 22.9 | 22.3 | 23.2 | 23.6 | 22.0                                       | 23.0 | 22.4 | 23.3 | 23.6 |
|  | 4H  | 22.5  | 23.4 | 22.9 | 23.7 | 24.1 | 22.6                                       | 23.5 | 23.0 | 23.8 | 24.2 |
|  | 6H  | 22.9  | 23.7 | 23.3 | 24.0 | 24.4 | 23.1                                       | 23.8 | 23.5 | 24.2 | 24.6 |
|  | 8H  | 23.0  | 23.7 | 23.4 | 24.1 | 24.5 | 23.2                                       | 23.9 | 23.7 | 24.3 | 24.7 |
|  | 12H | 23.0  | 23.7 | 23.5 | 24.1 | 24.5 | 23.3                                       | 23.9 | 23.8 | 24.3 | 24.8 |
| 8H   | 4H  | 22.8  | 23.5 | 23.2 | 23.9 | 24.3 | 22.8                                       | 23.5 | 23.3 | 23.9 | 24.4 |
|  | 6H  | 23.2  | 23.8 | 23.7 | 24.2 | 24.7 | 23.4                                       | 24.0 | 23.9 | 24.4 | 24.9 |
|  | 8H  | 23.4  | 23.9 | 23.9 | 24.3 | 24.8 | 23.6                                       | 24.1 | 24.1 | 24.6 | 25.1 |
|  | 12H | 23.4  | 23.9 | 23.9 | 24.3 | 24.8 | 23.8                                       | 24.2 | 24.3 | 24.7 | 25.2 |
| 12H  | 4H  | 22.8  | 23.4 | 23.2 | 23.8 | 24.3 | 22.9                                       | 23.5 | 23.3 | 23.9 | 24.3 |
|  | 6H  | 23.3  | 23.8 | 23.8 | 24.2 | 24.7 | 23.5                                       | 24.0 | 23.9 | 24.4 | 24.9 |
|  | 8H  | 23.5  | 23.9 | 23.9 | 24.3 | 24.8 | 23.7                                       | 24.1 | 24.2 | 24.6 | 25.1 |
| Variation of the observer position for the luminaire distances S |     |   |      |      |      |      |  |      |      |      |      |
| S = 1.0H   |     | +0.1 / -0.2                                       |      |      |      |      | +0.1 / -0.2                                |      |      |      |      |
| S = 1.5H   |     | +0.3 / -0.5                                       |      |      |      |      | +0.3 / -0.4                                |      |      |      |      |
| S = 2.0H   |     | +0.5 / -0.9                                       |      |      |      |      | +0.5 / -0.8                                |      |      |      |      |
| Standard table   |     | BK05  |      |      |      |      | BK05                                       |      |      |      |      |
| Correction<br>Summand  |     | 6.1   |      |      |      |      | 6.2  |      |      |      |      |
| Corrected Glare Indices referring to 1460lm 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-DL08-SM-NW-4000K-110D / Glare Data Sheet

Luminaire: GlacialLight GL-DL08-SM-NW-4000K-110D

Lamps: 1 x GL-DL08-SM-NW-4000K-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<br>X      Y  |     | Viewing direction at right angles<br>to lamp axis |      |      |      |      | Viewing direction parallel<br>to lamp axis |      |      |      |      |  |
| 2H   | 2H  | 19.8  | 21.1 | 20.1 | 21.4 | 21.6 | 19.8                                       | 21.1 | 20.1 | 21.4 | 21.6 |  |
|  | 3H  | 21.2  | 22.4 | 21.5 | 22.6 | 22.9 | 21.2                                       | 22.4 | 21.5 | 22.7 | 22.9 |  |
|  | 4H  | 21.6  | 22.8 | 22.0 | 23.1 | 23.3 | 21.7                                       | 22.8 | 22.0 | 23.1 | 23.4 |  |
|  | 6H  | 21.9  | 23.0 | 22.3 | 23.3 | 23.6 | 22.0                                       | 23.1 | 22.4 | 23.4 | 23.7 |  |
|  | 8H  | 22.0  | 23.0 | 22.3 | 23.3 | 23.6 | 22.1                                       | 23.2 | 22.5 | 23.5 | 23.8 |  |
|  | 12H | 22.0  | 23.0 | 22.4 | 23.3 | 23.6 | 22.2                                       | 23.2 | 22.6 | 23.5 | 23.8 |  |
| 4H   | 2H  | 20.4  | 21.6 | 20.8 | 21.9 | 22.1 | 20.4                                       | 21.6 | 20.8 | 21.8 | 22.1 |  |
|  | 3H  | 21.9  | 22.9 | 22.3 | 23.2 | 23.6 | 22.0                                       | 23.0 | 22.4 | 23.3 | 23.6 |  |
|  | 4H  | 22.5  | 23.4 | 22.9 | 23.7 | 24.1 | 22.6                                       | 23.5 | 23.0 | 23.8 | 24.2 |  |
|  | 6H  | 22.9  | 23.7 | 23.3 | 24.0 | 24.4 | 23.1                                       | 23.8 | 23.5 | 24.2 | 24.6 |  |
|  | 8H  | 23.0  | 23.7 | 23.4 | 24.1 | 24.5 | 23.2                                       | 23.9 | 23.7 | 24.3 | 24.7 |  |
|  | 12H | 23.0  | 23.7 | 23.5 | 24.1 | 24.5 | 23.3                                       | 23.9 | 23.8 | 24.3 | 24.8 |  |
| 8H   | 4H  | 22.8  | 23.5 | 23.2 | 23.9 | 24.3 | 22.8                                       | 23.5 | 23.3 | 23.9 | 24.4 |  |
|  | 6H  | 23.2  | 23.8 | 23.7 | 24.2 | 24.7 | 23.4                                       | 24.0 | 23.9 | 24.4 | 24.9 |  |
|  | 8H  | 23.4  | 23.9 | 23.9 | 24.3 | 24.8 | 23.6                                       | 24.1 | 24.1 | 24.6 | 25.1 |  |
|  | 12H | 23.4  | 23.9 | 23.9 | 24.3 | 24.8 | 23.8                                       | 24.2 | 24.3 | 24.7 | 25.2 |  |
| 12H  | 4H  | 22.8  | 23.4 | 23.2 | 23.8 | 24.3 | 22.9                                       | 23.5 | 23.3 | 23.9 | 24.3 |  |
|  | 6H  | 23.3  | 23.8 | 23.8 | 24.2 | 24.7 | 23.5                                       | 24.0 | 23.9 | 24.4 | 24.9 |  |
|  | 8H  | 23.5  | 23.9 | 23.9 | 24.3 | 24.8 | 23.7                                       | 24.1 | 24.2 | 24.6 | 25.1 |  |
| Variation of the observer position for the luminaire distances S |     |   |      |      |      |      |  |      |      |      |      |  |
| S = 1.0H   |     | +0.1 / -0.2                                       |      |      |      |      | +0.1 / -0.2                                |      |      |      |      |  |
| S = 1.5H   |     | +0.3 / -0.5                                       |      |      |      |      | +0.3 / -0.4                                |      |      |      |      |  |
| S = 2.0H   |     | +0.5 / -0.9                                       |      |      |      |      | +0.5 / -0.8                                |      |      |      |      |  |
| Standard table   |     | BK05  |      |      |      |      | BK05                                       |      |      |      |      |  |
| Correction<br>Summand  |     | 6.1   |      |      |      |      | 6.2  |      |      |      |      |  |
| Corrected Glare Indices referring to 1460lm Total Luminous Flux  |     |   |      |      |      |      |  |      |      |      |      |  |

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

