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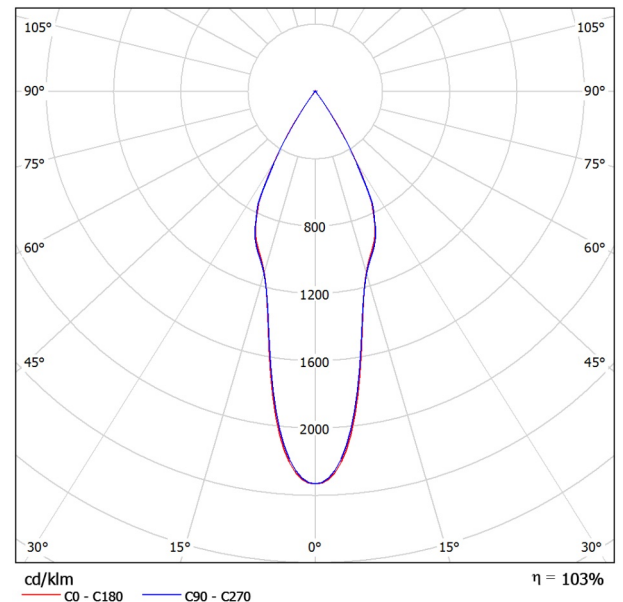
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## GL-BL150-NW-4000K-60D Lens-Lux enhance / Luminaire Data Sheet

### Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100  
CIE flux code: 99 99 100 100 105

### 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   | 12.7  | 13.3 | 12.9 | 13.5 | 13.7 | 12.3                                       | 13.0 | 12.6 | 13.2 | 13.4 |  |
|  | 3H   | 12.5  | 13.1 | 12.8 | 13.3 | 13.6 | 12.3                                       | 12.8 | 12.5 | 13.1 | 13.3 |  |
|  | 4H   | 12.5  | 13.0 | 12.8 | 13.3 | 13.5 | 12.2                                       | 12.7 | 12.5 | 13.0 | 13.3 |  |
|  | 6H   | 12.4  | 12.9 | 12.7 | 13.2 | 13.5 | 12.1                                       | 12.7 | 12.5 | 12.9 | 13.2 |  |
|  | 8H   | 12.4  | 12.9 | 12.7 | 13.1 | 13.4 | 12.1                                       | 12.6 | 12.5 | 12.9 | 13.2 |  |
| 4H   | 12H  | 12.3  | 12.8 | 12.7 | 13.1 | 13.4 | 12.1                                       | 12.6 | 12.4 | 12.9 | 13.2 |  |
|  | 2H   | 12.5  | 13.0 | 12.8 | 13.3 | 13.5 | 12.2                                       | 12.7 | 12.5 | 13.0 | 13.2 |  |
|  | 3H   | 12.3  | 12.8 | 12.7 | 13.1 | 13.4 | 12.1                                       | 12.5 | 12.4 | 12.8 | 13.1 |  |
|  | 4H   | 12.3  | 12.7 | 12.6 | 13.0 | 13.3 | 12.0                                       | 12.4 | 12.4 | 12.7 | 13.1 |  |
|  | 6H   | 12.2  | 12.5 | 12.6 | 12.9 | 13.3 | 12.0                                       | 12.3 | 12.4 | 12.7 | 13.0 |  |
| 8H   | 12H  | 12.2  | 12.5 | 12.6 | 12.9 | 13.3 | 12.0                                       | 12.3 | 12.4 | 12.6 | 13.0 |  |
|  | 2H   | 12.2  | 12.4 | 12.6 | 12.8 | 13.2 | 11.9                                       | 12.2 | 12.4 | 12.6 | 13.0 |  |
|  | 4H   | 12.2  | 12.5 | 12.6 | 12.8 | 13.2 | 11.9                                       | 12.2 | 12.3 | 12.6 | 13.0 |  |
|  | 6H   | 12.1  | 12.3 | 12.6 | 12.7 | 13.2 | 11.9                                       | 12.1 | 12.3 | 12.5 | 13.0 |  |
|  | 8H   | 12.1  | 12.3 | 12.6 | 12.7 | 13.2 | 11.9                                       | 12.0 | 12.3 | 12.5 | 13.0 |  |
| 12H  | 12H  | 12.1  | 12.2 | 12.6 | 12.7 | 13.2 | 11.9                                       | 12.0 | 12.3 | 12.5 | 13.0 |  |
|  | 4H   | 12.1  | 12.4 | 12.6 | 12.8 | 13.2 | 11.9                                       | 12.1 | 12.3 | 12.5 | 12.9 |  |
|  | 6H   | 12.1  | 12.2 | 12.5 | 12.7 | 13.2 | 11.8                                       | 12.0 | 12.3 | 12.5 | 12.9 |  |
| 8H   | 12.0 | 12.2  | 12.5 | 12.7 | 13.1 | 11.8 | 12.0                                       | 12.3 | 12.4 | 12.9 |      |  |
| Variation of the observer position for the luminaire distances S |      |   |      |      |      |      |  |      |      |      |      |  |
| S = 1.0H   |      | +6.7 / -10.6                                      |      |      |      |      | +6.6 / -9.1                                |      |      |      |      |  |
| S = 1.5H   |      | +9.5 / -11.4                                      |      |      |      |      | +9.4 / -9.6                                |      |      |      |      |  |
| S = 2.0H   |      | +11.5 / -11.4                                     |      |      |      |      | +11.4 / -9.6                               |      |      |      |      |  |
| Standard table   |      | BK00  |      |      |      |      | BK00                                       |      |      |      |      |  |
| Correction Summand   |      | -5.8  |      |      |      |      | -6.1                                       |      |      |      |      |  |
| Corrected Glare Indices referring to 14100lm Total Luminous Flux |      |   |      |      |      |      |  |      |      |      |      |  |

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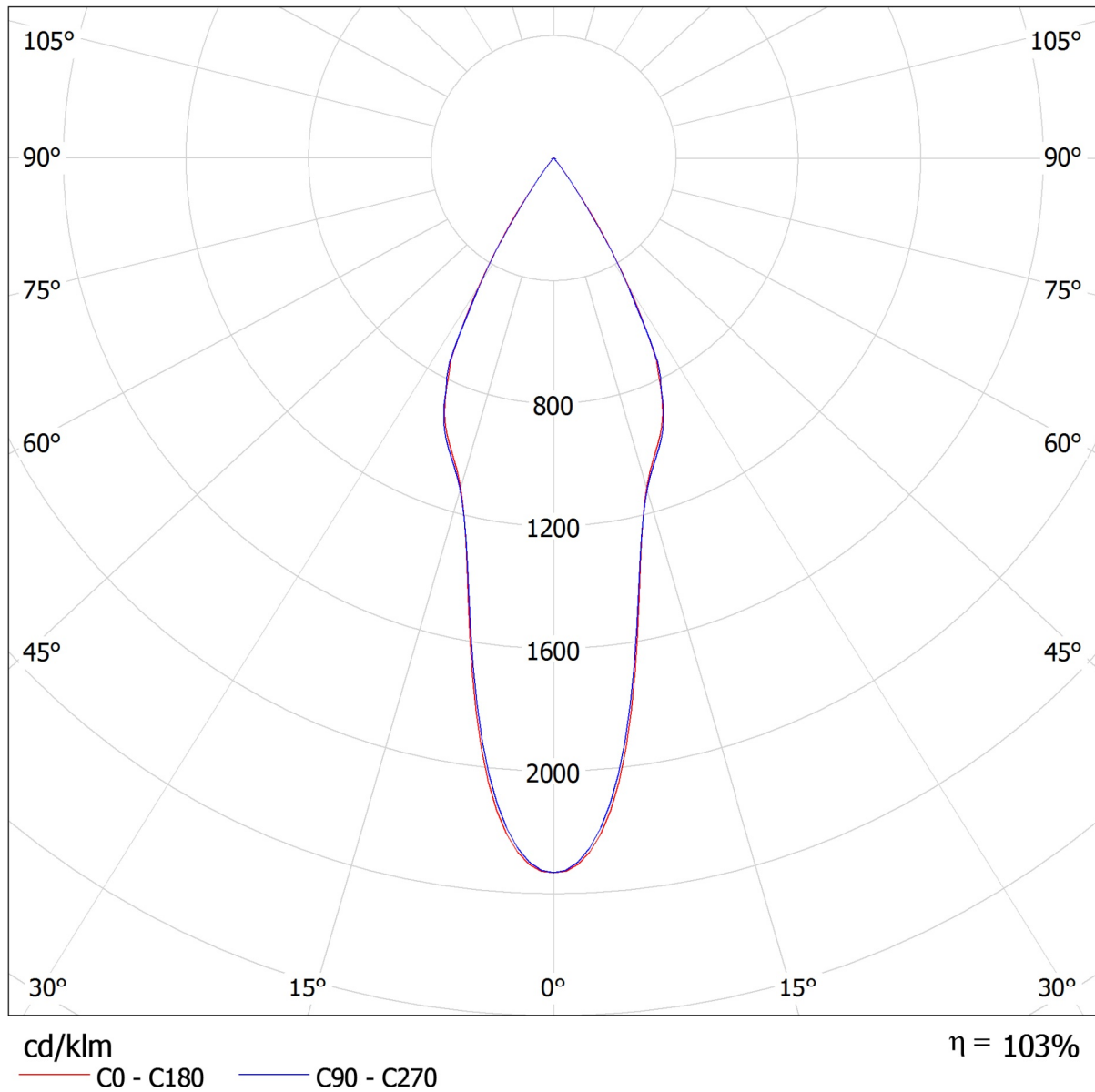
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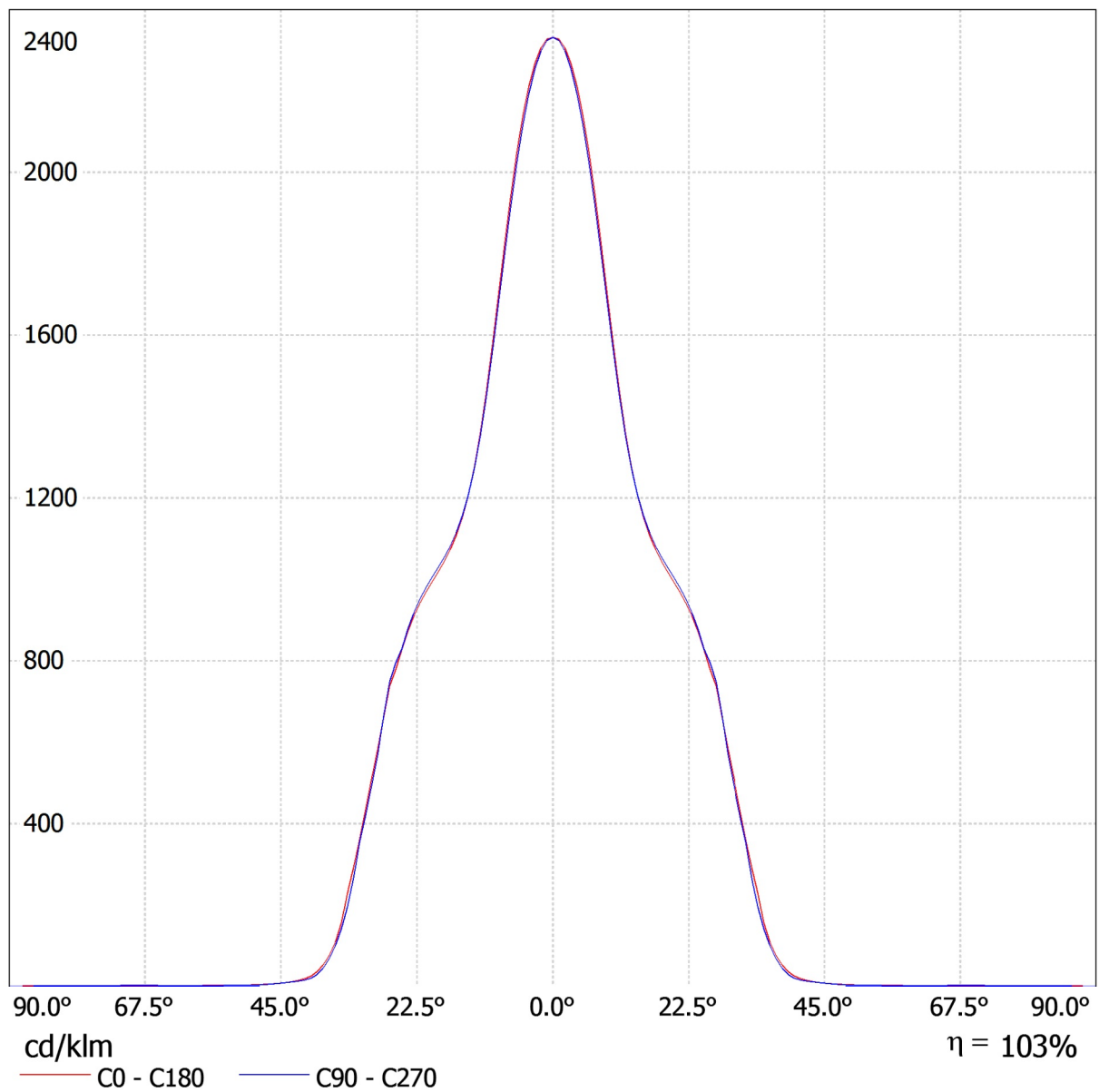
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## GL-BL150-NW-4000K-60D Lens-Lux enhance / LDC (Polar)

Luminaire: GL-BL150-NW-4000K-60D Lens-Lux enhance

Lamps: 1 x Bay Light



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e-Mail [sales@GlacialLight.com](mailto:sales@GlacialLight.com)**GL-BL150-NW-4000K-60D Lens-Lux enhance / LDC (Linear)**Luminaire: GL-BL150-NW-4000K-60D Lens-Lux enhance  
Lamps: 1 x Bay Light

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## GL-BL150-NW-4000K-60D Lens-Lux enhance / UGR-Table

Luminaire: GL-BL150-NW-4000K-60D Lens-Lux enhance

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  | 12.7  | 13.3 | 12.9 | 13.5 | 13.7 | 12.3                                       | 13.0 | 12.6 | 13.2 | 13.4 |
|  | 3H  | 12.5  | 13.1 | 12.8 | 13.3 | 13.6 | 12.3                                       | 12.8 | 12.5 | 13.1 | 13.3 |
|  | 4H  | 12.5  | 13.0 | 12.8 | 13.3 | 13.5 | 12.2                                       | 12.7 | 12.5 | 13.0 | 13.3 |
|  | 6H  | 12.4  | 12.9 | 12.7 | 13.2 | 13.5 | 12.1                                       | 12.7 | 12.5 | 12.9 | 13.2 |
|  | 8H  | 12.4  | 12.9 | 12.7 | 13.1 | 13.4 | 12.1                                       | 12.6 | 12.5 | 12.9 | 13.2 |
|  | 12H | 12.3  | 12.8 | 12.7 | 13.1 | 13.4 | 12.1                                       | 12.6 | 12.4 | 12.9 | 13.2 |
| 4H   | 2H  | 12.5  | 13.0 | 12.8 | 13.3 | 13.5 | 12.2                                       | 12.7 | 12.5 | 13.0 | 13.2 |
|  | 3H  | 12.3  | 12.8 | 12.7 | 13.1 | 13.4 | 12.1                                       | 12.5 | 12.4 | 12.8 | 13.1 |
|  | 4H  | 12.3  | 12.7 | 12.6 | 13.0 | 13.3 | 12.0                                       | 12.4 | 12.4 | 12.7 | 13.1 |
|  | 6H  | 12.2  | 12.5 | 12.6 | 12.9 | 13.3 | 12.0                                       | 12.3 | 12.4 | 12.7 | 13.0 |
|  | 8H  | 12.2  | 12.5 | 12.6 | 12.9 | 13.3 | 12.0                                       | 12.3 | 12.4 | 12.6 | 13.0 |
|  | 12H | 12.2  | 12.4 | 12.6 | 12.8 | 13.2 | 11.9                                       | 12.2 | 12.4 | 12.6 | 13.0 |
| 8H   | 4H  | 12.2  | 12.5 | 12.6 | 12.8 | 13.2 | 11.9                                       | 12.2 | 12.3 | 12.6 | 13.0 |
|  | 6H  | 12.1  | 12.3 | 12.6 | 12.7 | 13.2 | 11.9                                       | 12.1 | 12.3 | 12.5 | 13.0 |
|  | 8H  | 12.1  | 12.3 | 12.6 | 12.7 | 13.2 | 11.9                                       | 12.0 | 12.3 | 12.5 | 13.0 |
|  | 12H | 12.1  | 12.2 | 12.6 | 12.7 | 13.2 | 11.9                                       | 12.0 | 12.3 | 12.5 | 13.0 |
| 12H  | 4H  | 12.1  | 12.4 | 12.6 | 12.8 | 13.2 | 11.9                                       | 12.1 | 12.3 | 12.5 | 12.9 |
|  | 6H  | 12.1  | 12.2 | 12.5 | 12.7 | 13.2 | 11.8                                       | 12.0 | 12.3 | 12.5 | 12.9 |
|  | 8H  | 12.0  | 12.2 | 12.5 | 12.7 | 13.1 | 11.8                                       | 12.0 | 12.3 | 12.4 | 12.9 |
| Variation of the observer position for the luminaire distances S |     |   |      |      |      |      |  |      |      |      |      |
| S = 1.0H   |     | +6.7 / -10.6                                      |      |      |      |      | +6.6 / -9.1                                |      |      |      |      |
| S = 1.5H   |     | +9.5 / -11.4                                      |      |      |      |      | +9.4 / -9.6                                |      |      |      |      |
| S = 2.0H   |     | +11.5 / -11.4                                     |      |      |      |      | +11.4 / -9.6                               |      |      |      |      |
| Standard table   |     | BK00  |      |      |      |      | BK00                                       |      |      |      |      |
| Correction<br>Summand  |     | -5.8  |      |      |      |      | -6.1                                       |      |      |      |      |
| Corrected Glare Indices referring to 14100lm Total Luminous Flux |     |   |      |      |      |      |  |      |      |      |      |

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

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## GL-BL150-NW-4000K-60D Lens-Lux enhance / Glare Data Sheet

 Luminaire: GL-BL150-NW-4000K-  
60D Lens-Lux enhance

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  | 12.7  | 13.3 | 12.9 | 13.5 | 13.7 | 12.3                                       | 13.0 | 12.6 | 13.2 | 13.4 |  |
|  | 3H  | 12.5  | 13.1 | 12.8 | 13.3 | 13.6 | 12.3                                       | 12.8 | 12.5 | 13.1 | 13.3 |  |
|  | 4H  | 12.5  | 13.0 | 12.8 | 13.3 | 13.5 | 12.2                                       | 12.7 | 12.5 | 13.0 | 13.3 |  |
|  | 6H  | 12.4  | 12.9 | 12.7 | 13.2 | 13.5 | 12.1                                       | 12.7 | 12.5 | 12.9 | 13.2 |  |
|  | 8H  | 12.4  | 12.9 | 12.7 | 13.1 | 13.4 | 12.1                                       | 12.6 | 12.5 | 12.9 | 13.2 |  |
|  | 12H | 12.3  | 12.8 | 12.7 | 13.1 | 13.4 | 12.1                                       | 12.6 | 12.4 | 12.9 | 13.2 |  |
| 4H   | 2H  | 12.5  | 13.0 | 12.8 | 13.3 | 13.5 | 12.2                                       | 12.7 | 12.5 | 13.0 | 13.2 |  |
|  | 3H  | 12.3  | 12.8 | 12.7 | 13.1 | 13.4 | 12.1                                       | 12.5 | 12.4 | 12.8 | 13.1 |  |
|  | 4H  | 12.3  | 12.7 | 12.6 | 13.0 | 13.3 | 12.0                                       | 12.4 | 12.4 | 12.7 | 13.1 |  |
|  | 6H  | 12.2  | 12.5 | 12.6 | 12.9 | 13.3 | 12.0                                       | 12.3 | 12.4 | 12.7 | 13.0 |  |
|  | 8H  | 12.2  | 12.5 | 12.6 | 12.9 | 13.3 | 12.0                                       | 12.3 | 12.4 | 12.6 | 13.0 |  |
|  | 12H | 12.2  | 12.4 | 12.6 | 12.8 | 13.2 | 11.9                                       | 12.2 | 12.4 | 12.6 | 13.0 |  |
| 8H   | 4H  | 12.2  | 12.5 | 12.6 | 12.8 | 13.2 | 11.9                                       | 12.2 | 12.3 | 12.6 | 13.0 |  |
|  | 6H  | 12.1  | 12.3 | 12.6 | 12.7 | 13.2 | 11.9                                       | 12.1 | 12.3 | 12.5 | 13.0 |  |
|  | 8H  | 12.1  | 12.3 | 12.6 | 12.7 | 13.2 | 11.9                                       | 12.0 | 12.3 | 12.5 | 13.0 |  |
|  | 12H | 12.1  | 12.2 | 12.6 | 12.7 | 13.2 | 11.9                                       | 12.0 | 12.3 | 12.5 | 13.0 |  |
| 12H  | 4H  | 12.1  | 12.4 | 12.6 | 12.8 | 13.2 | 11.9                                       | 12.1 | 12.3 | 12.5 | 12.9 |  |
|  | 6H  | 12.1  | 12.2 | 12.5 | 12.7 | 13.2 | 11.8                                       | 12.0 | 12.3 | 12.5 | 12.9 |  |
|  | 8H  | 12.0  | 12.2 | 12.5 | 12.7 | 13.1 | 11.8                                       | 12.0 | 12.3 | 12.4 | 12.9 |  |
| Variation of the observer position for the luminaire distances S |     |   |      |      |      |      |  |      |      |      |      |  |
| S = 1.0H   |     | +6.7 / -10.6                                      |      |      |      |      | +6.6 / -9.1                                |      |      |      |      |  |
| S = 1.5H   |     | +9.5 / -11.4                                      |      |      |      |      | +9.4 / -9.6                                |      |      |      |      |  |
| S = 2.0H   |     | +11.5 / -11.4                                     |      |      |      |      | +11.4 / -9.6                               |      |      |      |      |  |
| Standard table   |     | BK00  |      |      |      |      | BK00                                       |      |      |      |      |  |
| Correction<br>Summand  |     | -5.8  |      |      |      |      | -6.1                                       |      |      |      |      |  |
| Corrected Glare Indices referring to 14100lm Total Luminous Flux |     |   |      |      |      |      |  |      |      |      |      |  |

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

