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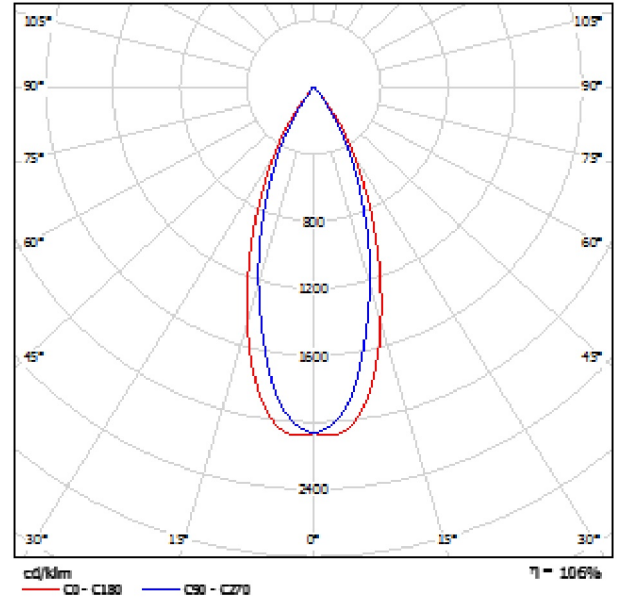
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## GlacialLight GL-FL15-NW-4000K-40D Lens-no lampshade / Luminaire Data Sheet

### Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100  
 CIE flux code: 98 98 99 100 108

### Luminous emittance 1:

| Glare Evaluation According to UGR                               |          |   |      |      |      |      |  |      |      |      |      |
|---|----------|---|------|------|------|------|--|------|------|------|------|
| p Ceiling   |          | 70  | 70   | 30   | 30   | 30   | 70   | 70   | 30   | 30   |      |
| p Walls   |          | 30  | 30   | 30   | 30   | 30   | 30   | 30   | 30   | 30   |      |
| p Floor   |          | 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       | 12.1  | 12.9 | 12.4 | 13.0 | 13.2 | 10.4                                       | 11.0 | 10.8 | 11.2 | 11.4 |
|   | 3H       | 12.1  | 12.7 | 12.4 | 12.9 | 13.2 | 10.3                                       | 10.9 | 10.8 | 11.2 | 11.4 |
|   | 4H       | 12.1  | 12.7 | 12.4 | 12.9 | 13.2 | 10.4                                       | 11.0 | 10.7 | 11.2 | 11.3 |
|   | 5H       | 12.1  | 12.7 | 12.3 | 12.9 | 13.2 | 10.5                                       | 11.1 | 10.9 | 11.3 | 11.8 |
| 4H  | 2H       | 12.0  | 12.9 | 12.3 | 12.8 | 13.0 | 10.2                                       | 10.8 | 10.9 | 11.0 | 11.3 |
|   | 3H       | 11.9  | 12.4 | 12.3 | 12.7 | 13.0 | 10.2                                       | 10.7 | 10.6 | 11.0 | 11.3 |
|   | 4H       | 12.0  | 12.4 | 12.3 | 12.7 | 13.0 | 10.4                                       | 10.8 | 10.7 | 11.1 | 11.4 |
|   | 5H       | 12.1  | 12.4 | 12.3 | 12.8 | 13.1 | 10.7                                       | 11.1 | 11.1 | 11.4 | 11.8 |
| 8H  | 2H       | 12.1  | 12.9 | 12.8 | 12.8 | 13.2 | 11.0                                       | 11.3 | 11.4 | 11.7 | 12.1 |
|   | 3H       | 12.2  | 12.7 | 12.8 | 13.0 | 13.3 | 10.9                                       | 11.4 | 11.2 | 11.7 | 12.0 |
|   | 4H       | 11.9  | 12.2 | 12.4 | 12.8 | 13.0 | 10.4                                       | 10.7 | 10.8 | 11.1 | 11.5 |
|   | 5H       | 12.1  | 12.3 | 12.8 | 12.8 | 13.2 | 10.9                                       | 11.1 | 11.3 | 11.8 | 12.0 |
| 12H   | 2H       | 12.2  | 12.4 | 12.7 | 12.9 | 13.3 | 11.3                                       | 11.9 | 11.8 | 12.0 | 12.4 |
|   | 3H       | 12.4  | 12.8 | 12.9 | 13.0 | 13.5 | 11.9                                       | 12.0 | 12.4 | 12.8 | 13.0 |
|   | 4H       | 11.9  | 12.2 | 12.4 | 12.8 | 13.0 | 10.4                                       | 10.8 | 10.8 | 11.0 | 11.5 |
|   | 5H       | 12.1  | 12.3 | 12.8 | 12.8 | 13.2 | 10.9                                       | 11.1 | 11.4 | 11.8 | 12.0 |
| Variation of the observer position for the luminaire distance S | S = 1.0H | +3.5 / -4.5                                       |      |      |      |      | +4.3 / -3.5                                |      |      |      |      |
|   | S = 1.5H | +2.0 / -4.7                                       |      |      |      |      | +2.9 / -2.8                                |      |      |      |      |
|   | S = 2.0H | +10.0 / -3.2                                      |      |      |      |      | +2.9 / -3.3                                |      |      |      |      |
| Standard Table  | S101     |   |      |      |      | S102 |  |      |      |      |      |
| Correction Summand  | -3.8     |   |      |      |      | -3.3 |  |      |      |      |      |
| Corrected Glare Indices referring to 1650lm Total Luminous Flux |          |   |      |      |      |      |  |      |      |      |      |

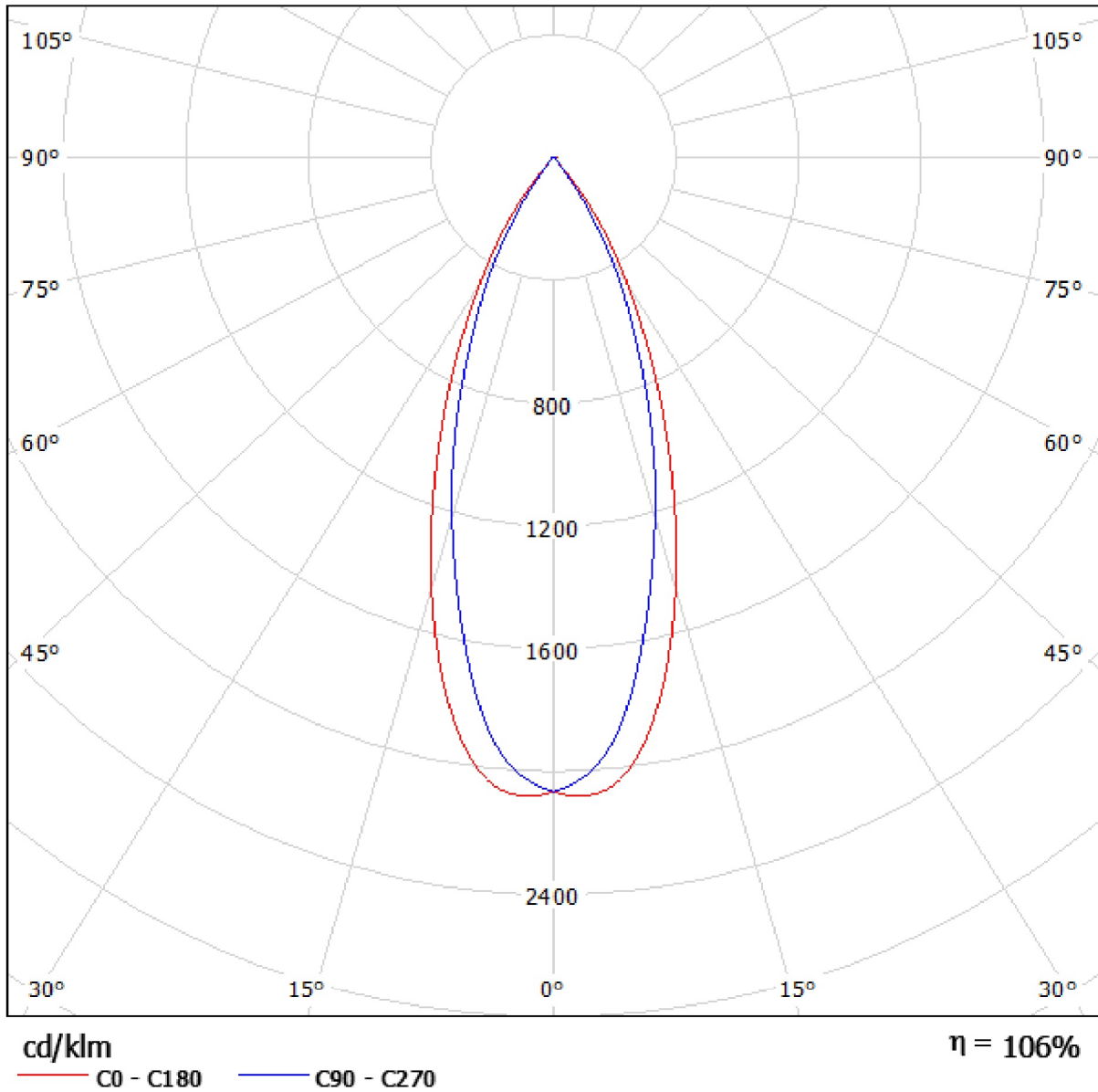
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### GlacialLight GL-FL15-NW-4000K-40D Lens-no lampshade / LDC (Polar)

Luminaire: GlacialLight GL-FL15-NW-4000K-40D Lens-no lampshade  
Lamps: 1 x Flood Light



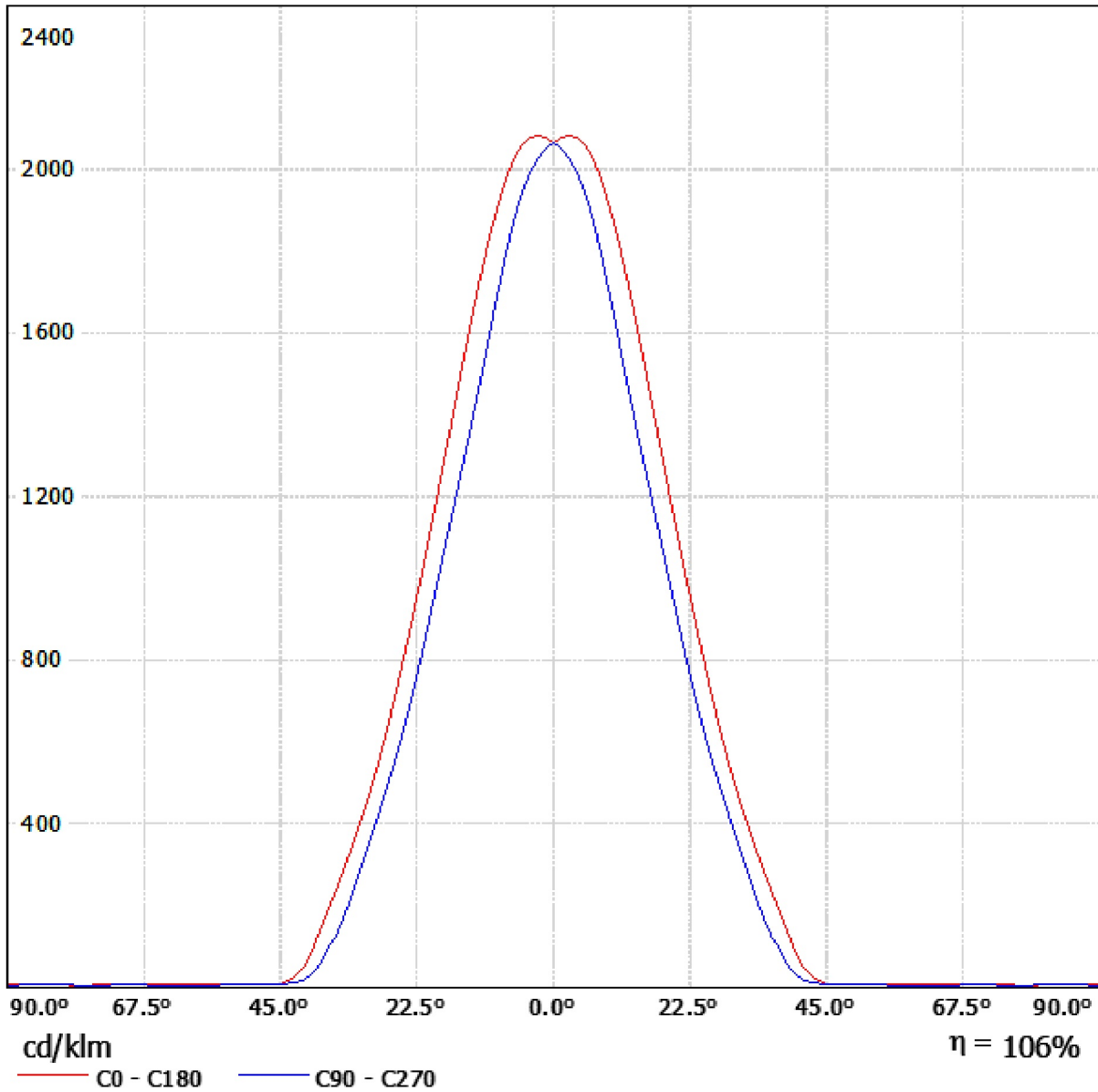
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### GlacialLight GL-FL15-NW-4000K-40D Lens-no lampshade / LDC (Linear)

Luminaire: GlacialLight GL-FL15-NW-4000K-40D Lens-no lampshade  
Lamps: 1 x Flood Light



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## GlacialLight GL-FL15-NW-4000K-40D Lens-no lampshade / UGR-Table

Luminaire: GlacialLight GL-FL15-NW-4000K-40D Lens-no lampshade  
Lamps: 1 x Flood 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  | 12.1  | 12.8 | 12.4 | 13.0 | 13.2 | 10.4                                       | 11.0 | 10.6 | 11.2 | 11.4 |
|  | 3H  | 12.1  | 12.7 | 12.4 | 12.9 | 13.2 | 10.3                                       | 10.9 | 10.6 | 11.2 | 11.4 |
|  | 4H  | 12.1  | 12.7 | 12.4 | 12.9 | 13.2 | 10.4                                       | 11.0 | 10.7 | 11.2 | 11.5 |
|  | 6H  | 12.1  | 12.7 | 12.5 | 12.9 | 13.2 | 10.5                                       | 11.1 | 10.9 | 11.3 | 11.6 |
|  | 8H  | 12.2  | 12.7 | 12.5 | 13.0 | 13.3 | 10.7                                       | 11.2 | 11.0 | 11.5 | 11.8 |
|  | 12H | 12.2  | 12.7 | 12.6 | 13.0 | 13.3 | 10.9                                       | 11.4 | 11.2 | 11.7 | 12.0 |
| 4H   | 2H  | 12.0  | 12.5 | 12.3 | 12.8 | 13.0 | 10.2                                       | 10.8 | 10.5 | 11.0 | 11.3 |
|  | 3H  | 11.9  | 12.4 | 12.3 | 12.7 | 13.0 | 10.2                                       | 10.7 | 10.6 | 11.0 | 11.3 |
|  | 4H  | 12.0  | 12.4 | 12.3 | 12.7 | 13.0 | 10.4                                       | 10.8 | 10.7 | 11.1 | 11.4 |
|  | 6H  | 12.1  | 12.4 | 12.5 | 12.8 | 13.1 | 10.7                                       | 11.1 | 11.1 | 11.4 | 11.8 |
|  | 8H  | 12.1  | 12.5 | 12.6 | 12.8 | 13.2 | 11.0                                       | 11.3 | 11.4 | 11.7 | 12.1 |
|  | 12H | 12.3  | 12.5 | 12.7 | 12.9 | 13.4 | 11.4                                       | 11.6 | 11.8 | 12.0 | 12.4 |
| 8H   | 4H  | 11.9  | 12.2 | 12.4 | 12.6 | 13.0 | 10.4                                       | 10.7 | 10.8 | 11.1 | 11.5 |
|  | 6H  | 12.1  | 12.3 | 12.6 | 12.8 | 13.2 | 10.9                                       | 11.1 | 11.3 | 11.5 | 12.0 |
|  | 8H  | 12.2  | 12.4 | 12.7 | 12.9 | 13.3 | 11.3                                       | 11.5 | 11.8 | 12.0 | 12.4 |
|  | 12H | 12.4  | 12.6 | 12.9 | 13.0 | 13.5 | 11.9                                       | 12.0 | 12.4 | 12.5 | 13.0 |
| 12H  | 4H  | 11.9  | 12.2 | 12.4 | 12.6 | 13.0 | 10.4                                       | 10.6 | 10.8 | 11.0 | 11.5 |
|  | 6H  | 12.1  | 12.3 | 12.6 | 12.8 | 13.2 | 10.9                                       | 11.1 | 11.4 | 11.6 | 12.0 |
|  | 8H  | 12.3  | 12.5 | 12.8 | 12.9 | 13.4 | 11.4                                       | 11.6 | 11.9 | 12.0 | 12.5 |
| Variation of the observer position for the luminaire distances S |     |   |      |      |      |      |  |      |      |      |      |
| S = 1.0H   |     | +5.3 / -4.5                                       |      |      |      |      | +4.3 / -2.5                                |      |      |      |      |
| S = 1.5H   |     | +8.0 / -4.7                                       |      |      |      |      | +6.9 / -2.8                                |      |      |      |      |
| S = 2.0H   |     | +10.0 / -5.2                                      |      |      |      |      | +8.9 / -3.3                                |      |      |      |      |
| Standard table   |     | BK01  |      |      |      |      | BK02                                       |      |      |      |      |
| Correction<br>Summand  |     | -5.6  |      |      |      |      | -6.5                                       |      |      |      |      |
| Corrected Glare Indices referring to 1650lm 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-FL15-NW-4000K-40D Lens-no lampshade / Glare Data Sheet

Luminaire: GlacialLight GL-FL15-NW-4000K-40D Lens-no lampshade

Lamps: 1 x Flood Light

| 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  | X   | Y    | Viewing direction at right angles to lamp axis |      |      |      |      | Viewing direction parallel to lamp axis |      |      |      |      |
| 2H   | 2H  | 2H   | 12.1   | 12.8 | 12.4 | 13.0 | 13.2 | 10.4                                    | 11.0 | 10.6 | 11.2 | 11.4 |
|  | 3H  | 3H   | 12.1   | 12.7 | 12.4 | 12.9 | 13.2 | 10.3                                    | 10.9 | 10.6 | 11.2 | 11.4 |
|  | 4H  | 4H   | 12.1   | 12.7 | 12.4 | 12.9 | 13.2 | 10.4                                    | 11.0 | 10.7 | 11.2 | 11.5 |
|  | 6H  | 6H   | 12.1   | 12.7 | 12.5 | 12.9 | 13.2 | 10.5                                    | 11.1 | 10.9 | 11.3 | 11.6 |
|  | 8H  | 8H   | 12.2   | 12.7 | 12.5 | 13.0 | 13.3 | 10.7                                    | 11.2 | 11.0 | 11.5 | 11.8 |
| 4H   | 12H | 12H  | 12.2   | 12.7 | 12.6 | 13.0 | 13.3 | 10.9                                    | 11.4 | 11.2 | 11.7 | 12.0 |
|  | 2H  | 2H   | 12.0   | 12.5 | 12.3 | 12.8 | 13.0 | 10.2                                    | 10.8 | 10.5 | 11.0 | 11.3 |
|  | 3H  | 3H   | 11.9   | 12.4 | 12.3 | 12.7 | 13.0 | 10.2                                    | 10.7 | 10.6 | 11.0 | 11.3 |
|  | 4H  | 4H   | 12.0   | 12.4 | 12.3 | 12.7 | 13.0 | 10.4                                    | 10.8 | 10.7 | 11.1 | 11.4 |
|  | 6H  | 6H   | 12.1   | 12.4 | 12.5 | 12.8 | 13.1 | 10.7                                    | 11.1 | 11.1 | 11.4 | 11.8 |
| 8H   | 8H  | 8H   | 12.1   | 12.5 | 12.6 | 12.8 | 13.2 | 11.0                                    | 11.3 | 11.4 | 11.7 | 12.1 |
|  | 12H | 12H  | 12.3   | 12.5 | 12.7 | 12.9 | 13.4 | 11.4                                    | 11.6 | 11.8 | 12.0 | 12.4 |
|  | 4H  | 4H   | 11.9   | 12.2 | 12.4 | 12.6 | 13.0 | 10.4                                    | 10.7 | 10.8 | 11.1 | 11.5 |
|  | 6H  | 6H   | 12.1   | 12.3 | 12.6 | 12.8 | 13.2 | 10.9                                    | 11.1 | 11.3 | 11.5 | 12.0 |
|  | 8H  | 8H   | 12.2   | 12.4 | 12.7 | 12.9 | 13.3 | 11.3                                    | 11.5 | 11.8 | 12.0 | 12.4 |
| 12H  | 12H | 12H  | 12.4   | 12.6 | 12.9 | 13.0 | 13.5 | 11.9                                    | 12.0 | 12.4 | 12.5 | 13.0 |
|  | 4H  | 4H   | 11.9   | 12.2 | 12.4 | 12.6 | 13.0 | 10.4                                    | 10.6 | 10.8 | 11.0 | 11.5 |
|  | 6H  | 6H   | 12.1   | 12.3 | 12.6 | 12.8 | 13.2 | 10.9                                    | 11.1 | 11.4 | 11.6 | 12.0 |
| 8H   | 8H  | 12.3 | 12.5   | 12.8 | 12.9 | 13.4 | 11.4 | 11.6                                    | 11.9 | 12.0 | 12.5 |      |
| Variation of the observer position for the luminaire distances S |     |      |  |      |      |      |      |   |      |      |      |      |
| S = 1.0H   |     |      | +5.3 / -4.5                                    |      |      |      |      | +4.3 / -2.5                             |      |      |      |      |
| S = 1.5H   |     |      | +8.0 / -4.7                                    |      |      |      |      | +6.9 / -2.8                             |      |      |      |      |
| S = 2.0H   |     |      | +10.0 / -5.2                                   |      |      |      |      | +8.9 / -3.3                             |      |      |      |      |
| Standard table   |     |      | BK01   |      |      |      |      | BK02                                    |      |      |      |      |
| Correction Summand   |     |      | -5.6   |      |      |      |      | -6.5                                    |      |      |      |      |
| Corrected Glare Indices referring to 1650lm Total Luminous Flux  |     |      |  |      |      |      |      |   |      |      |      |      |

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

