

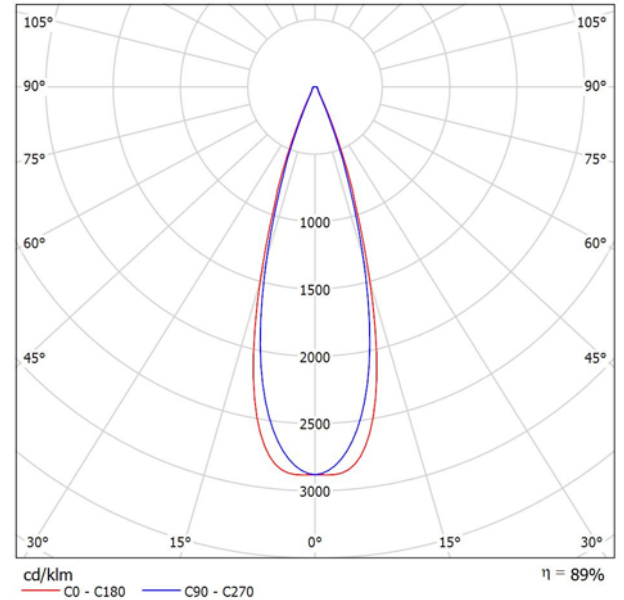
GlacialTech Inc.  
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## GlacialLight GL-LMR50-06-24V-NL-WW-3000K-36D / Luminaire Data Sheet

### Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100  
 CIE flux code: 90 95 98 100 89

### Luminous emittance 1:

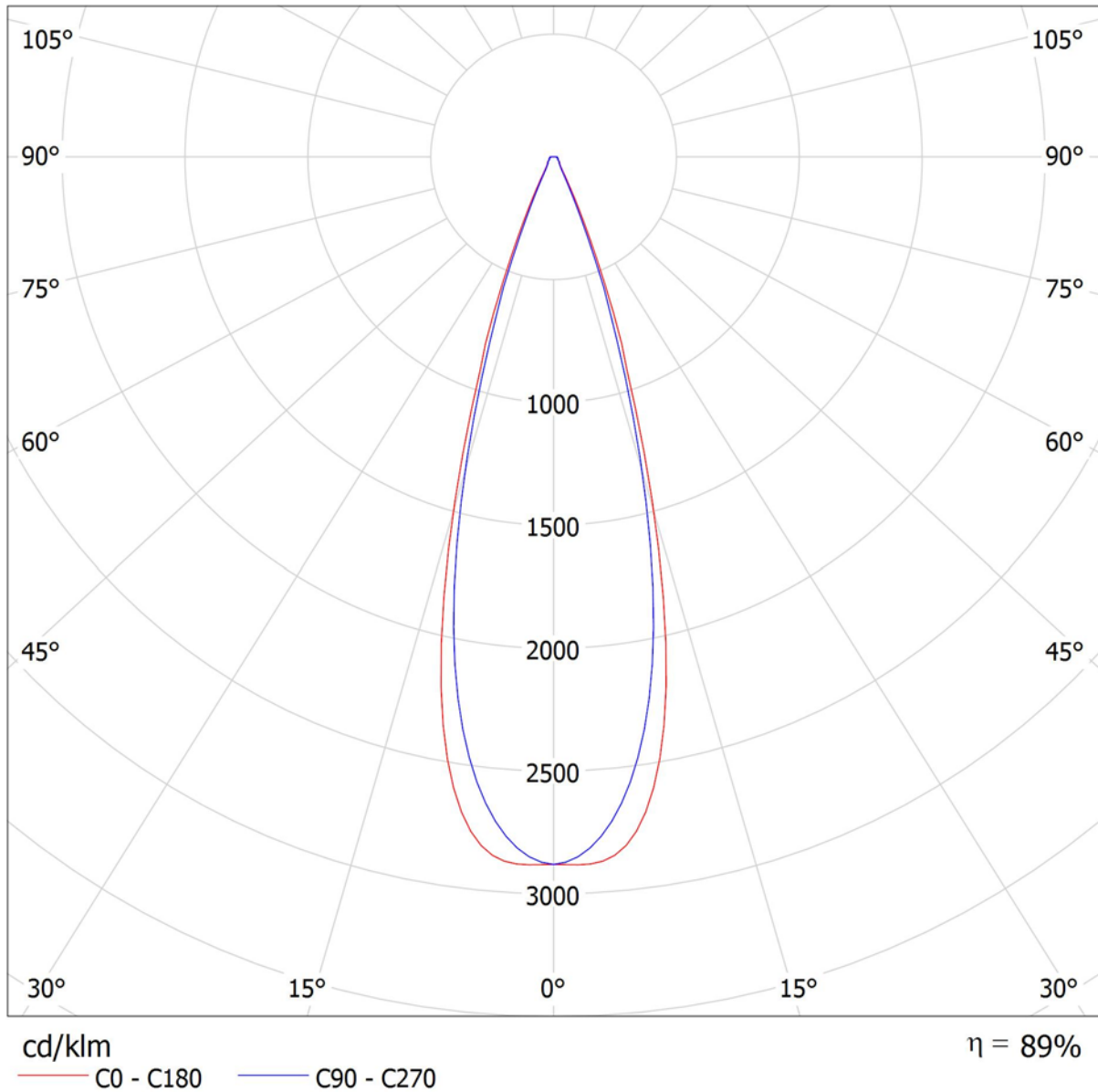
| Glare Evaluation According to UGR                                |  |      |      |      |      |   |      |      |      |      |      |
|--|--|------|------|------|------|---|------|------|------|------|------|
| ρ Ceiling  | 70   | 70   | 50   | 50   | 30   | 70                                      | 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 X Y  | Viewing direction at right angles to lamp axis |      |      |      |      | Viewing direction parallel to lamp axis |      |      |      |      |      |
| 2H   | 2H   | 9.5  | 10.2 | 9.7  | 10.4 | 10.6                                    | 9.4  | 10.1 | 9.6  | 10.3 | 10.5 |
|  | 3H   | 10.9 | 11.6 | 11.2 | 11.8 | 12.1                                    | 11.0 | 11.7 | 11.3 | 12.0 | 12.2 |
|  | 4H   | 11.6 | 12.3 | 11.9 | 12.5 | 12.8                                    | 11.9 | 12.5 | 12.2 | 12.8 | 13.0 |
|  | 6H   | 12.5 | 13.1 | 12.8 | 13.4 | 13.7                                    | 12.5 | 13.1 | 12.8 | 13.4 | 13.7 |
|  | 8H   | 13.0 | 13.6 | 13.3 | 13.9 | 14.2                                    | 12.8 | 13.4 | 13.2 | 13.7 | 14.0 |
| 4H   | 2H   | 10.1 | 10.7 | 10.4 | 11.0 | 11.2                                    | 9.9  | 10.6 | 10.2 | 10.8 | 11.1 |
|  | 3H   | 11.8 | 12.4 | 12.2 | 12.7 | 13.0                                    | 11.9 | 12.4 | 12.2 | 12.7 | 13.0 |
|  | 4H   | 12.6 | 13.1 | 13.0 | 13.5 | 13.8                                    | 12.9 | 13.4 | 13.3 | 13.7 | 14.1 |
|  | 6H   | 13.5 | 14.0 | 13.9 | 14.3 | 14.7                                    | 13.7 | 14.2 | 14.1 | 14.5 | 14.9 |
|  | 8H   | 14.1 | 14.5 | 14.6 | 14.9 | 15.3                                    | 14.1 | 14.5 | 14.5 | 14.8 | 15.3 |
| 8H   | 2H   | 14.7 | 15.1 | 15.2 | 15.5 | 15.9                                    | 14.5 | 14.8 | 14.9 | 15.2 | 15.6 |
|  | 4H   | 13.0 | 13.3 | 13.4 | 13.7 | 14.1                                    | 13.2 | 13.6 | 13.6 | 14.0 | 14.4 |
|  | 6H   | 14.0 | 14.3 | 14.5 | 14.8 | 15.2                                    | 14.2 | 14.5 | 14.7 | 15.0 | 15.4 |
|  | 8H   | 14.7 | 15.0 | 15.2 | 15.4 | 15.9                                    | 14.8 | 15.0 | 15.3 | 15.5 | 15.9 |
|  | 12H  | 15.5 | 15.7 | 16.0 | 16.1 | 16.6                                    | 15.3 | 15.5 | 15.8 | 15.9 | 16.4 |
| 12H  | 4H   | 13.0 | 13.3 | 13.4 | 13.7 | 14.2                                    | 13.2 | 13.6 | 13.7 | 14.0 | 14.4 |
|  | 6H   | 14.1 | 14.4 | 14.6 | 14.8 | 15.3                                    | 14.3 | 14.6 | 14.8 | 15.0 | 15.5 |
|  | 8H   | 14.9 | 15.1 | 15.3 | 15.5 | 16.0                                    | 14.9 | 15.1 | 15.4 | 15.6 | 16.1 |
| Variation of the observer position for the luminaire distances S |  |      |      |      |      |   |      |      |      |      |      |
| S = 1.0H   | +0.2 / -0.2                                    |      |      |      |      | +0.2 / -0.2                             |      |      |      |      |      |
| S = 1.5H   | +0.4 / -0.5                                    |      |      |      |      | +0.3 / -0.4                             |      |      |      |      |      |
| S = 2.0H   | +1.0 / -0.7                                    |      |      |      |      | +0.5 / -0.8                             |      |      |      |      |      |
| Standard table   | BK07   |      |      |      |      | BK07                                    |      |      |      |      |      |
| Correction Summand   | -2.8   |      |      |      |      | -2.9                                    |      |      |      |      |      |
| Corrected Glare Indices referring to 360lm Total Luminous Flux   |  |      |      |      |      |   |      |      |      |      |      |

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### GlacialLight GL-LMR50-06-24V-NL-WW-3000K-36D / LDC (Polar)

Luminaire: GlacialLight GL-LMR50-06-24V-NL-WW-3000K-36D  
Lamps: 1 x DC Light

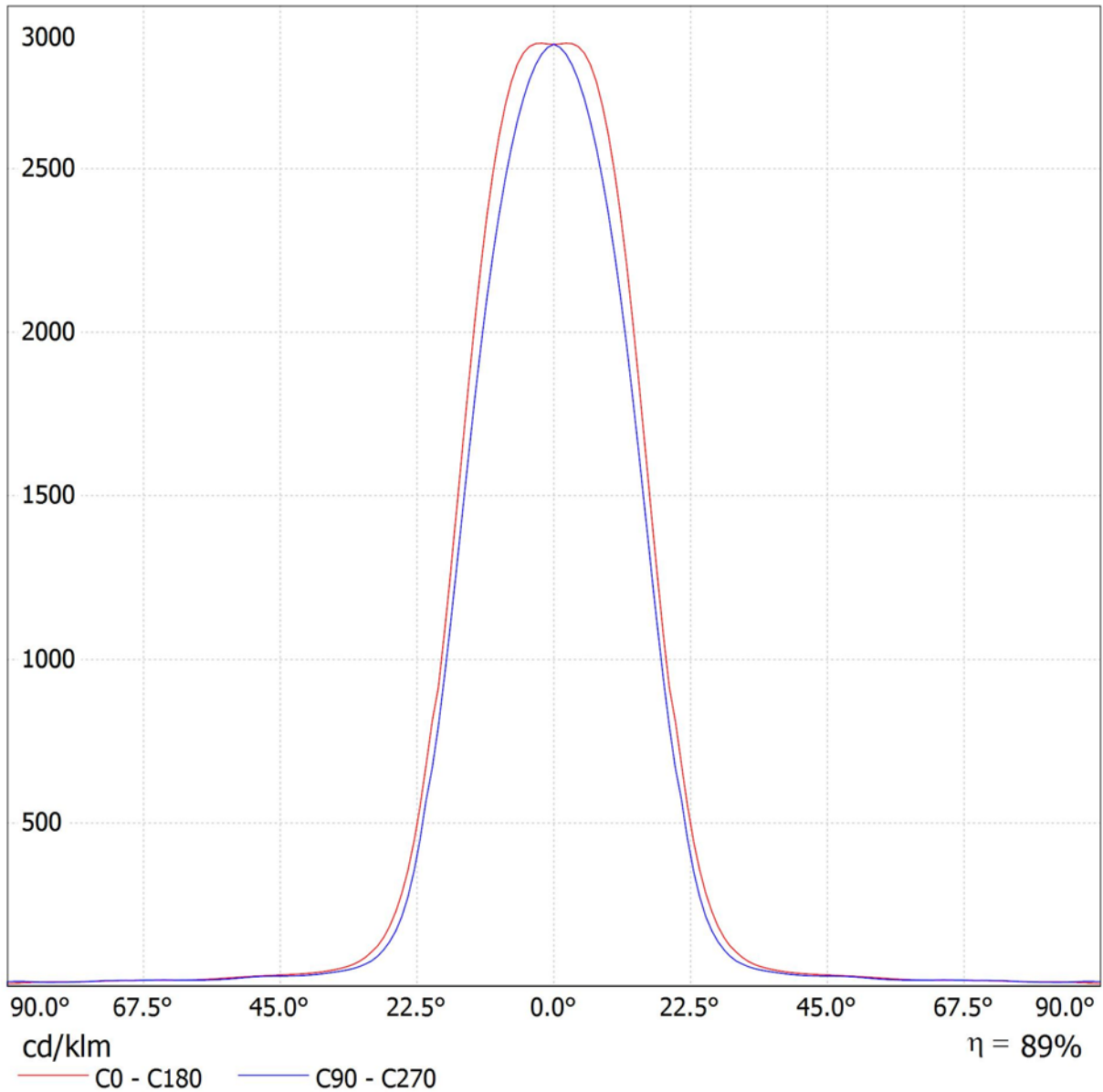


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### GlacialLight GL-LMR50-06-24V-NL-WW-3000K-36D / LDC (Linear)

Luminaire: GlacialLight GL-LMR50-06-24V-NL-WW-3000K-36D  
Lamps: 1 x DC Light



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## GlacialLight GL-LMR50-06-24V-NL-WW-3000K-36D / UGR-Table

Luminaire: GlacialLight GL-LMR50-06-24V-NL-WW-3000K-36D

Lamps: 1 x DC Light

| <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          | 9.5   | 10.2 | 9.7  | 10.4 | 10.6        | 9.4  | 10.1 | 9.6  | 10.3 | 10.5 |
|  | 3H          | 10.9  | 11.6 | 11.2 | 11.8 | 12.1        | 11.0                                       | 11.7 | 11.3 | 12.0 | 12.2 |
|  | 4H          | 11.6  | 12.3 | 11.9 | 12.5 | 12.8        | 11.9                                       | 12.5 | 12.2 | 12.8 | 13.0 |
|  | 6H          | 12.5  | 13.1 | 12.8 | 13.4 | 13.7        | 12.5                                       | 13.1 | 12.8 | 13.4 | 13.7 |
|  | 8H          | 13.0  | 13.6 | 13.3 | 13.9 | 14.2        | 12.8                                       | 13.4 | 13.2 | 13.7 | 14.0 |
|  | 12H         | 13.4  | 14.0 | 13.8 | 14.3 | 14.6        | 13.2                                       | 13.7 | 13.5 | 14.0 | 14.3 |
| 4H   | 2H          | 10.1  | 10.7 | 10.4 | 11.0 | 11.2        | 9.9  | 10.6 | 10.2 | 10.8 | 11.1 |
|  | 3H          | 11.8  | 12.4 | 12.2 | 12.7 | 13.0        | 11.9                                       | 12.4 | 12.2 | 12.7 | 13.0 |
|  | 4H          | 12.6  | 13.1 | 13.0 | 13.5 | 13.8        | 12.9                                       | 13.4 | 13.3 | 13.7 | 14.1 |
|  | 6H          | 13.5  | 14.0 | 13.9 | 14.3 | 14.7        | 13.7                                       | 14.2 | 14.1 | 14.5 | 14.9 |
|  | 8H          | 14.1  | 14.5 | 14.6 | 14.9 | 15.3        | 14.1                                       | 14.5 | 14.5 | 14.8 | 15.3 |
|  | 12H         | 14.7  | 15.1 | 15.2 | 15.5 | 15.9        | 14.5                                       | 14.8 | 14.9 | 15.2 | 15.6 |
| 8H   | 4H          | 13.0  | 13.3 | 13.4 | 13.7 | 14.1        | 13.2                                       | 13.6 | 13.6 | 14.0 | 14.4 |
|  | 6H          | 14.0  | 14.3 | 14.5 | 14.8 | 15.2        | 14.2                                       | 14.5 | 14.7 | 15.0 | 15.4 |
|  | 8H          | 14.7  | 15.0 | 15.2 | 15.4 | 15.9        | 14.8                                       | 15.0 | 15.3 | 15.5 | 15.9 |
|  | 12H         | 15.5  | 15.7 | 16.0 | 16.1 | 16.6        | 15.3                                       | 15.5 | 15.8 | 15.9 | 16.4 |
| 12H  | 4H          | 13.0  | 13.3 | 13.4 | 13.7 | 14.2        | 13.2                                       | 13.6 | 13.7 | 14.0 | 14.4 |
|  | 6H          | 14.1  | 14.4 | 14.6 | 14.8 | 15.3        | 14.3                                       | 14.6 | 14.8 | 15.0 | 15.5 |
|  | 8H          | 14.9  | 15.1 | 15.3 | 15.5 | 16.0        | 14.9                                       | 15.1 | 15.4 | 15.6 | 16.1 |
| Variation of the observer position for the luminaire distances S |             |   |      |      |      |             |  |      |      |      |      |
| S = 1.0H   | +0.2 / -0.2 |   |      |      |      | +0.2 / -0.2 |  |      |      |      |      |
| S = 1.5H   | +0.4 / -0.5 |   |      |      |      | +0.3 / -0.4 |  |      |      |      |      |
| S = 2.0H   | +1.0 / -0.7 |   |      |      |      | +0.5 / -0.8 |  |      |      |      |      |
| Standard table   | BK07        |   |      |      |      | BK07        |  |      |      |      |      |
| Correction<br>Summand  | -2.8        |   |      |      |      | -2.9        |  |      |      |      |      |
| Corrected Glare Indices referring to 360lm 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-LMR50-06-24V-NL-WW-3000K-36D / LDC Data Sheet

Luminaire: GlacialLight GL-LMR50-06-24V-NL-WW-3000K-36D

Lamps: 1 x DC Light

