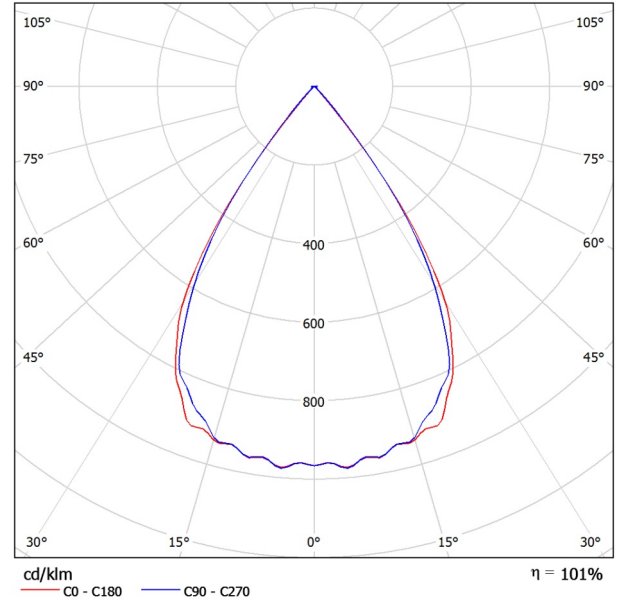


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GlacialLight GL-BL60-CW-5000K-70D-Lens-with lampshade / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100
CIE flux code: 98 99 99 100 103

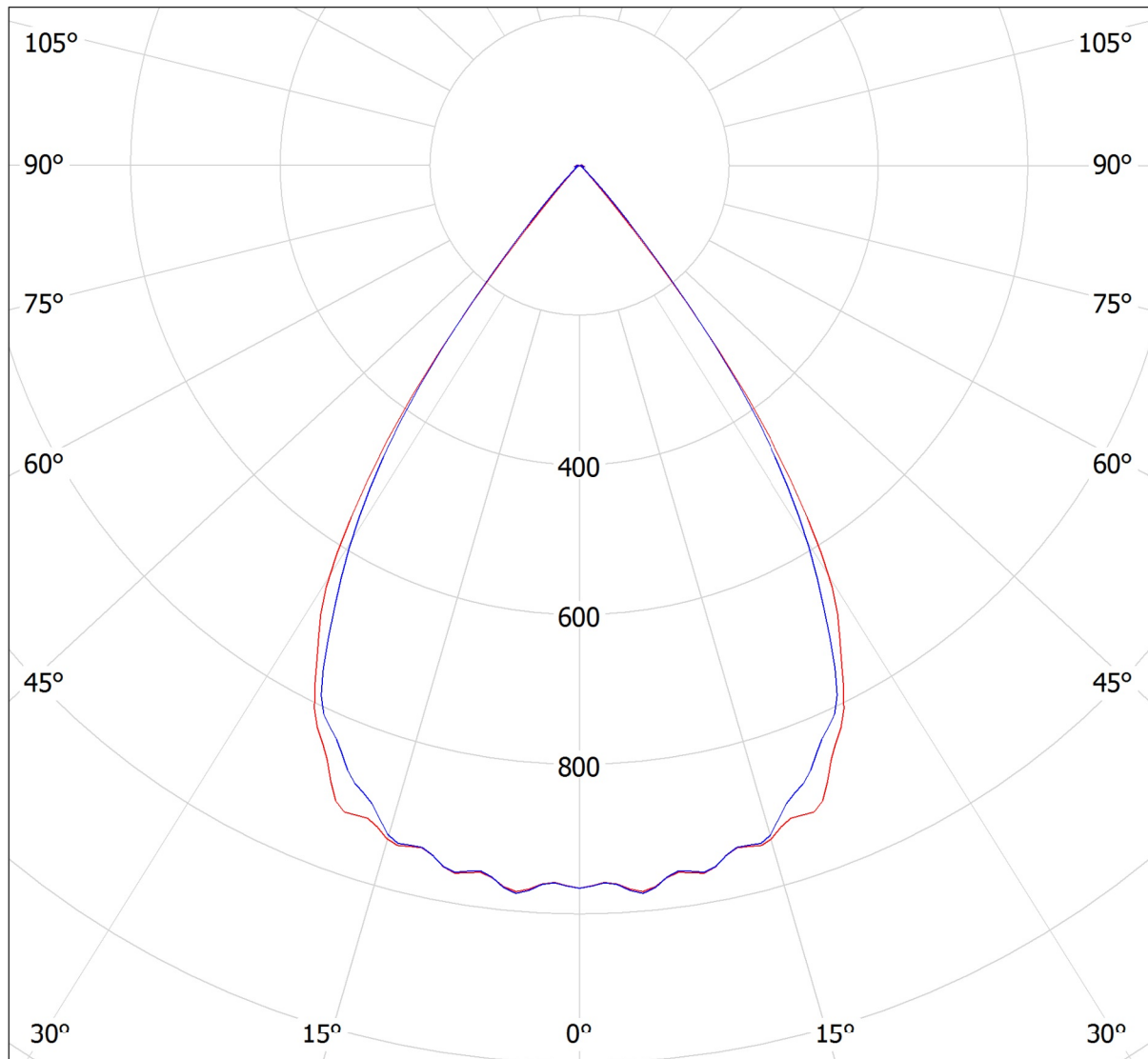
Luminous emittance 1:

| 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 | 17.5 | 18.2 | 17.8 | 18.4 | 18.6 | 17.4 | 18.1 | 17.6 | 18.2 | 18.4 |
| | 3H | 17.4 | 18.0 | 17.7 | 18.2 | 18.5 | 17.3 | 17.9 | 17.6 | 18.1 | 18.3 |
| | 4H | 17.4 | 17.9 | 17.7 | 18.2 | 18.4 | 17.2 | 17.8 | 17.5 | 18.0 | 18.3 |
| | 6H | 17.3 | 17.8 | 17.6 | 18.1 | 18.4 | 17.2 | 17.7 | 17.5 | 18.0 | 18.2 |
| | 8H | 17.3 | 17.8 | 17.6 | 18.0 | 18.3 | 17.1 | 17.6 | 17.5 | 17.9 | 18.2 |
| 4H | 12H | 17.2 | 17.7 | 17.6 | 18.0 | 18.3 | 17.1 | 17.6 | 17.5 | 17.9 | 18.2 |
| | 2H | 17.3 | 17.9 | 17.6 | 18.2 | 18.4 | 17.2 | 17.8 | 17.5 | 18.0 | 18.3 |
| | 3H | 17.2 | 17.7 | 17.6 | 18.0 | 18.3 | 17.1 | 17.5 | 17.4 | 17.8 | 18.2 |
| | 4H | 17.2 | 17.6 | 17.5 | 17.9 | 18.2 | 17.0 | 17.4 | 17.4 | 17.8 | 18.1 |
| | 6H | 17.1 | 17.4 | 17.5 | 17.8 | 18.2 | 17.0 | 17.3 | 17.4 | 17.7 | 18.1 |
| 8H | 12H | 17.1 | 17.3 | 17.5 | 17.7 | 18.1 | 17.0 | 17.2 | 17.4 | 17.6 | 18.0 |
| | 4H | 17.1 | 17.4 | 17.5 | 17.7 | 18.1 | 16.9 | 17.2 | 17.3 | 17.6 | 18.0 |
| | 6H | 17.0 | 17.2 | 17.4 | 17.6 | 18.1 | 16.9 | 17.1 | 17.3 | 17.5 | 18.0 |
| | 8H | 17.0 | 17.2 | 17.4 | 17.6 | 18.1 | 16.9 | 17.1 | 17.4 | 17.5 | 18.0 |
| | 12H | 16.9 | 17.1 | 17.4 | 17.6 | 18.1 | 16.9 | 17.0 | 17.4 | 17.5 | 18.0 |
| 12H | 4H | 17.0 | 17.3 | 17.4 | 17.7 | 18.1 | 16.9 | 17.1 | 17.3 | 17.5 | 18.0 |
| | 6H | 17.0 | 17.1 | 17.4 | 17.6 | 18.1 | 16.9 | 17.0 | 17.3 | 17.5 | 17.9 |
| | 8H | 16.9 | 17.1 | 17.4 | 17.5 | 18.0 | 16.8 | 17.0 | 17.3 | 17.5 | 18.0 |
| Variation of the observer position for the luminaire distances S | | | | | | | | | | | |
| S = 1.0H | +5.9 / -11.0 | | | | | +5.6 / -9.6 | | | | | |
| S = 1.5H | +8.7 / -11.4 | | | | | +8.4 / -9.9 | | | | | |
| S = 2.0H | +10.7 / -11.8 | | | | | +10.4 / -10.6 | | | | | |
| Standard table | BK00 | | | | | BK00 | | | | | |
| Correction Summand | -1.0 | | | | | -1.1 | | | | | |
| Corrected Glare Indices referring to 6250lm Total Luminous Flux | | | | | | | | | | | |

Operator
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GlacialLight GL-BL60-CW-5000K-70D-Lens-with lampshade / LDC (Polar)

Luminaire: GlacialLight GL-BL60-CW-5000K-70D-Lens-with lampshade
Lamps: 1 x Bay Light



cd/klm

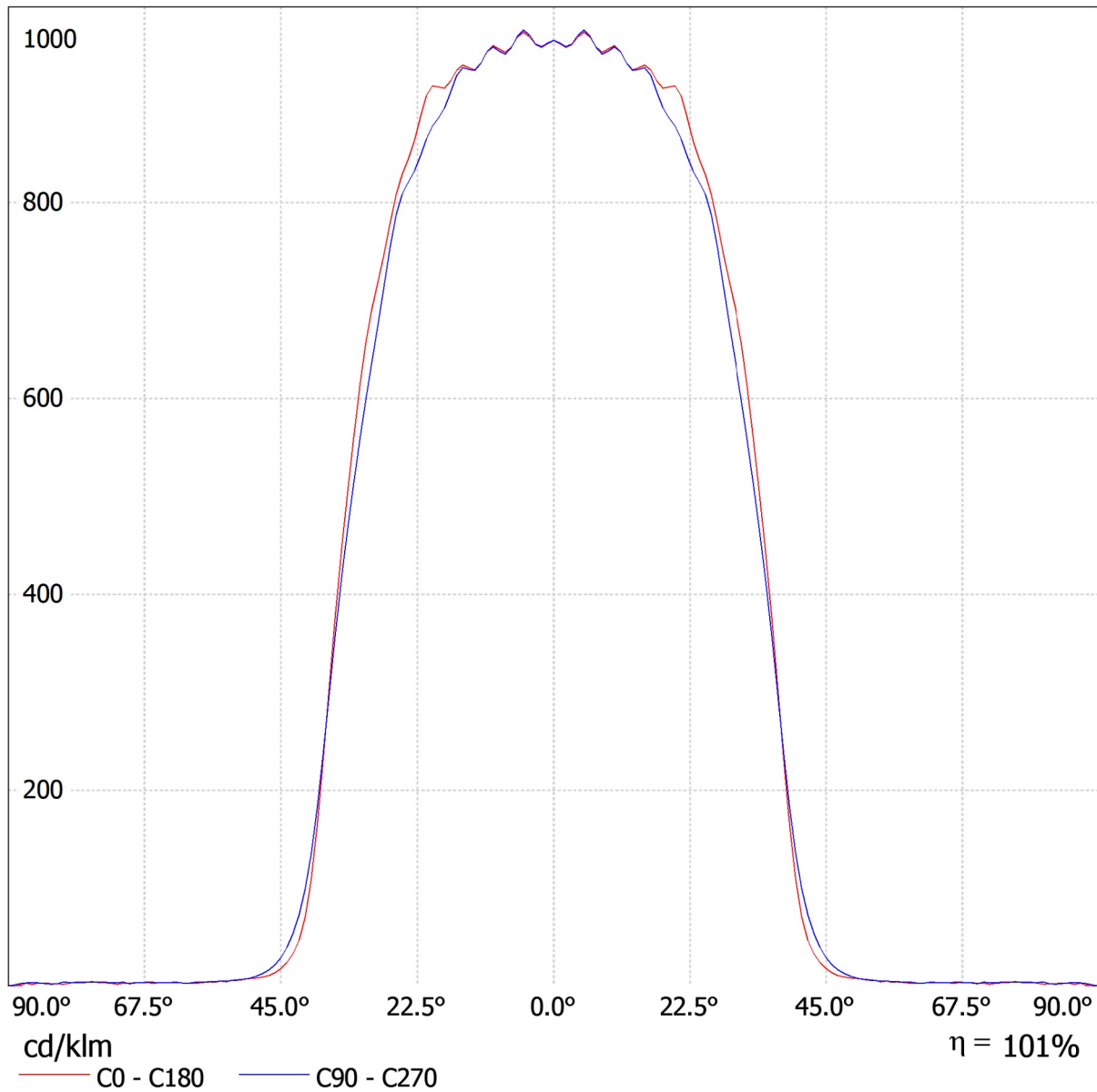
— C0 - C180 — C90 - C270

$\eta = 101\%$

Operator
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GlacialLight GL-BL60-CW-5000K-70D-Lens-with lampshade / LDC (Linear)

Luminaire: GlacialLight GL-BL60-CW-5000K-70D-Lens-with lampshade
Lamps: 1 x Bay Light



Operator
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GlacialLight GL-BL60-CW-5000K-70D-Lens-with lampshade / UGR-Table

Luminaire: GlacialLight GL-BL60-CW-5000K-70D-Lens-with lampshade
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 X Y | | Viewing direction at right angles to lamp axis | | | | | Viewing direction parallel to lamp axis | | | | |
| 2H | 2H | 17.5 | 18.2 | 17.8 | 18.4 | 18.6 | 17.4 | 18.1 | 17.6 | 18.2 | 18.4 |
| | 3H | 17.4 | 18.0 | 17.7 | 18.2 | 18.5 | 17.3 | 17.9 | 17.6 | 18.1 | 18.3 |
| | 4H | 17.4 | 17.9 | 17.7 | 18.2 | 18.4 | 17.2 | 17.8 | 17.5 | 18.0 | 18.3 |
| | 6H | 17.3 | 17.8 | 17.6 | 18.1 | 18.4 | 17.2 | 17.7 | 17.5 | 18.0 | 18.2 |
| | 8H | 17.3 | 17.8 | 17.6 | 18.0 | 18.3 | 17.1 | 17.6 | 17.5 | 17.9 | 18.2 |
| | 12H | 17.2 | 17.7 | 17.6 | 18.0 | 18.3 | 17.1 | 17.6 | 17.5 | 17.9 | 18.2 |
| 4H | 2H | 17.3 | 17.9 | 17.6 | 18.2 | 18.4 | 17.2 | 17.8 | 17.5 | 18.0 | 18.3 |
| | 3H | 17.2 | 17.7 | 17.6 | 18.0 | 18.3 | 17.1 | 17.5 | 17.4 | 17.8 | 18.2 |
| | 4H | 17.2 | 17.6 | 17.5 | 17.9 | 18.2 | 17.0 | 17.4 | 17.4 | 17.8 | 18.1 |
| | 6H | 17.1 | 17.4 | 17.5 | 17.8 | 18.2 | 17.0 | 17.3 | 17.4 | 17.7 | 18.1 |
| | 8H | 17.1 | 17.4 | 17.5 | 17.8 | 18.2 | 17.0 | 17.3 | 17.4 | 17.7 | 18.1 |
| | 12H | 17.1 | 17.3 | 17.5 | 17.7 | 18.1 | 17.0 | 17.2 | 17.4 | 17.6 | 18.0 |
| 8H | 4H | 17.1 | 17.4 | 17.5 | 17.7 | 18.1 | 16.9 | 17.2 | 17.3 | 17.6 | 18.0 |
| | 6H | 17.0 | 17.2 | 17.4 | 17.6 | 18.1 | 16.9 | 17.1 | 17.3 | 17.5 | 18.0 |
| | 8H | 17.0 | 17.2 | 17.4 | 17.6 | 18.1 | 16.9 | 17.1 | 17.4 | 17.5 | 18.0 |
| | 12H | 16.9 | 17.1 | 17.4 | 17.6 | 18.1 | 16.9 | 17.0 | 17.4 | 17.5 | 18.0 |
| 12H | 4H | 17.0 | 17.3 | 17.4 | 17.7 | 18.1 | 16.9 | 17.1 | 17.3 | 17.5 | 18.0 |
| | 6H | 17.0 | 17.1 | 17.4 | 17.6 | 18.1 | 16.9 | 17.0 | 17.3 | 17.5 | 17.9 |
| | 8H | 16.9 | 17.1 | 17.4 | 17.5 | 18.0 | 16.8 | 17.0 | 17.3 | 17.5 | 18.0 |
| Variation of the observer position for the luminaire distances S | | | | | | | | | | | |
| S = 1.0H | +5.9 / -11.0 | | | | | +5.6 / -9.6 | | | | | |
| S = 1.5H | +8.7 / -11.4 | | | | | +8.4 / -9.9 | | | | | |
| S = 2.0H | +10.7 / -11.8 | | | | | +10.4 / -10.6 | | | | | |
| Standard table | BK00 | | | | | BK00 | | | | | |
| Correction Summand | -1.0 | | | | | -1.1 | | | | | |
| Corrected Glare Indices referring to 6250lm 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-BL60-CW-5000K-70D-Lens-with lampshade / Luminous intensity table

Luminaire: GlacialLight GL-BL60-CW-5000K-70D-Lens-with lampshade
Lamps: 1 x Bay Light

| Gamma | C 0° | C 15° | C 30° | C 45° | C 60° | C 75° | C 90° |
|-------|------|-------|-------|-------|-------|-------|-------|
| 0.0° | 966 | 966 | 966 | 966 | 966 | 966 | 966 |
| 5.0° | 974 | 975 | 975 | 976 | 975 | 977 | 976 |
| 10.0° | 960 | 965 | 962 | 957 | 965 | 955 | 959 |
| 15.0° | 940 | 944 | 948 | 948 | 935 | 931 | 938 |
| 20.0° | 919 | 916 | 904 | 894 | 887 | 879 | 878 |
| 25.0° | 829 | 823 | 813 | 811 | 810 | 807 | 809 |
| 30.0° | 691 | 686 | 671 | 653 | 655 | 642 | 637 |
| 35.0° | 446 | 441 | 408 | 400 | 414 | 414 | 417 |
| 40.0° | 109 | 104 | 118 | 137 | 153 | 140 | 136 |
| 45.0° | 18 | 18 | 25 | 26 | 33 | 28 | 29 |
| 50.0° | 8.05 | 8.13 | 8.37 | 7.49 | 8.15 | 8.71 | 8.59 |
| 55.0° | 5.36 | 5.40 | 5.61 | 5.56 | 5.88 | 6.00 | 5.33 |
| 60.0° | 3.21 | 4.68 | 4.37 | 5.07 | 5.03 | 4.91 | 3.43 |
| 65.0° | 3.93 | 3.66 | 4.37 | 4.65 | 4.48 | 3.35 | 3.71 |
| 70.0° | 3.40 | 1.39 | 3.71 | 1.97 | 4.34 | 4.97 | 2.63 |
| 75.0° | 3.76 | 3.91 | 4.24 | 1.98 | 2.54 | 2.49 | 4.41 |
| 80.0° | 3.07 | 1.09 | 1.79 | 4.17 | 4.62 | 4.60 | 4.00 |
| 85.0° | 3.38 | 3.66 | 3.60 | 0.00 | 4.28 | 3.89 | 3.51 |
| 90.0° | 0.81 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

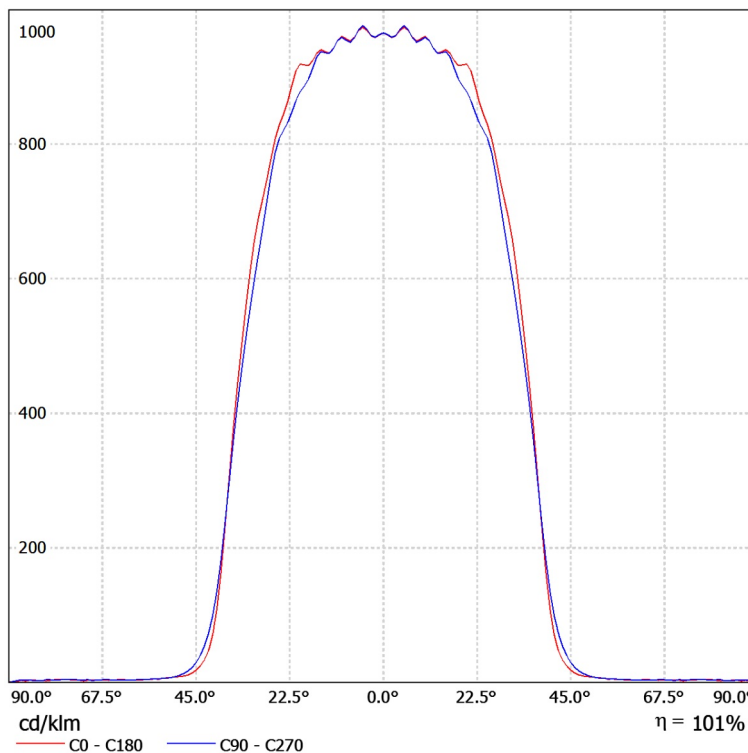
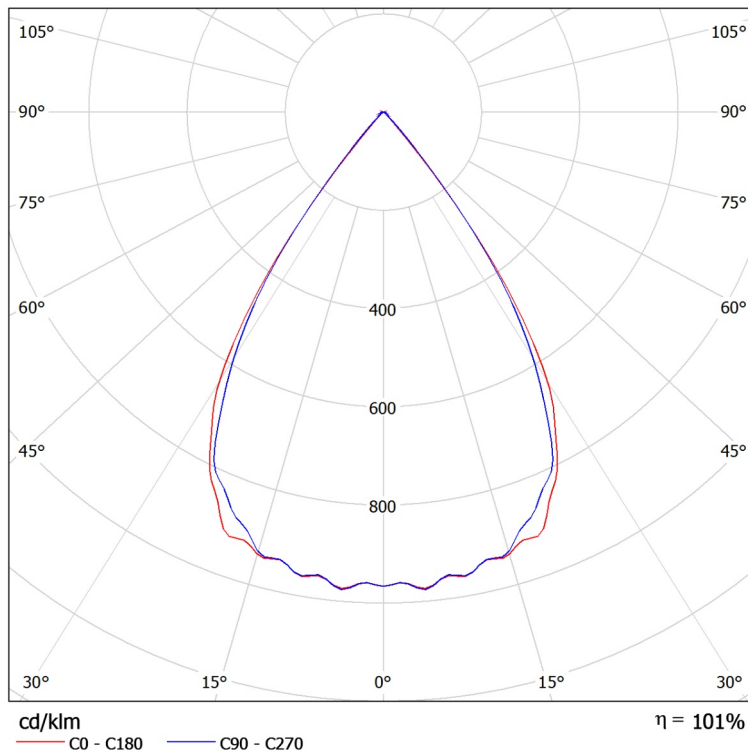
Values in cd/klm

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GlacialLight GL-BL60-CW-5000K-70D-Lens-with lampshade / LDC Data Sheet

Luminaire: GlacialLight GL-BL60-CW-5000K-70D-Lens-with lampshade

Lamps: 1 x Bay Light



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GlacialLight GL-BL60-CW-5000K-70D-Lens-with lampshade / Glare Data Sheet

Luminaire: GlacialLight GL-BL60-CW-5000K-70D-Lens-with lampshade

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 X Y | | Viewing direction at right angles to lamp axis | | | | | Viewing direction parallel to lamp axis | | | | |
| 2H | 2H | 17.5 | 18.2 | 17.8 | 18.4 | 18.6 | 17.4 | 18.1 | 17.6 | 18.2 | 18.4 |
| | 3H | 17.4 | 18.0 | 17.7 | 18.2 | 18.5 | 17.3 | 17.9 | 17.6 | 18.1 | 18.3 |
| | 4H | 17.4 | 17.9 | 17.7 | 18.2 | 18.4 | 17.2 | 17.8 | 17.5 | 18.0 | 18.3 |
| | 6H | 17.3 | 17.8 | 17.6 | 18.1 | 18.4 | 17.2 | 17.7 | 17.5 | 18.0 | 18.2 |
| | 8H | 17.3 | 17.8 | 17.6 | 18.0 | 18.3 | 17.1 | 17.6 | 17.5 | 17.9 | 18.2 |
| 4H | 12H | 17.2 | 17.7 | 17.6 | 18.0 | 18.3 | 17.1 | 17.6 | 17.5 | 17.9 | 18.2 |
| | 2H | 17.3 | 17.9 | 17.6 | 18.2 | 18.4 | 17.2 | 17.8 | 17.5 | 18.0 | 18.3 |
| | 3H | 17.2 | 17.7 | 17.6 | 18.0 | 18.3 | 17.1 | 17.5 | 17.4 | 17.8 | 18.2 |
| | 4H | 17.2 | 17.6 | 17.5 | 17.9 | 18.2 | 17.0 | 17.4 | 17.4 | 17.8 | 18.1 |
| | 6H | 17.1 | 17.4 | 17.5 | 17.8 | 18.2 | 17.0 | 17.3 | 17.4 | 17.7 | 18.1 |
| 8H | 8H | 17.1 | 17.4 | 17.5 | 17.8 | 18.2 | 17.0 | 17.3 | 17.4 | 17.7 | 18.1 |
| | 12H | 17.1 | 17.3 | 17.5 | 17.7 | 18.1 | 17.0 | 17.2 | 17.4 | 17.6 | 18.0 |
| | 4H | 17.1 | 17.4 | 17.5 | 17.7 | 18.1 | 16.9 | 17.2 | 17.3 | 17.6 | 18.0 |
| | 6H | 17.0 | 17.2 | 17.4 | 17.6 | 18.1 | 16.9 | 17.1 | 17.3 | 17.5 | 18.0 |
| | 8H | 17.0 | 17.2 | 17.4 | 17.6 | 18.1 | 16.9 | 17.1 | 17.4 | 17.5 | 18.0 |
| 12H | 12H | 16.9 | 17.1 | 17.4 | 17.6 | 18.1 | 16.9 | 17.0 | 17.4 | 17.5 | 18.0 |
| | 4H | 17.0 | 17.3 | 17.4 | 17.7 | 18.1 | 16.9 | 17.1 | 17.3 | 17.5 | 18.0 |
| | 6H | 17.0 | 17.1 | 17.4 | 17.6 | 18.1 | 16.9 | 17.0 | 17.3 | 17.5 | 17.9 |
| | 8H | 16.9 | 17.1 | 17.4 | 17.5 | 18.0 | 16.8 | 17.0 | 17.3 | 17.5 | 18.0 |
| | 12H | 16.9 | 17.1 | 17.4 | 17.5 | 18.0 | 16.8 | 17.0 | 17.3 | 17.5 | 18.0 |
| Variation of the observer position for the luminaire distances S | | | | | | | | | | | |
| S = 1.0H | +5.9 / -11.0 | | | | | +5.6 / -9.6 | | | | | |
| S = 1.5H | +8.7 / -11.4 | | | | | +8.4 / -9.9 | | | | | |
| S = 2.0H | +10.7 / -11.8 | | | | | +10.4 / -10.6 | | | | | |
| Standard table | BK00 | | | | | BK00 | | | | | |
| Correction Summand | -1.0 | | | | | -1.1 | | | | | |
| Corrected Glare Indices referring to 6250lm Total Luminous Flux | | | | | | | | | | | |

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

