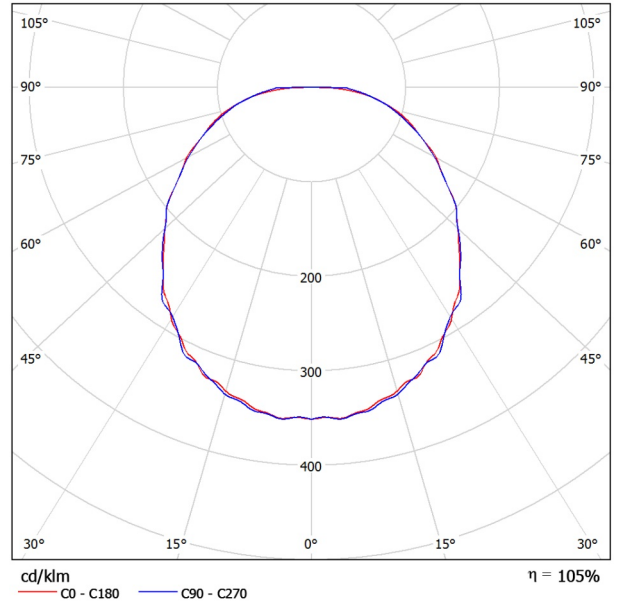


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## GlacialLight GL-BL50-NW-4000K-110D-Frosted-without lampshade / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100  
CIE flux code: 44 74 92 100 106

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	19.3	20.7	19.6	20.9	21.1	19.3	20.7	19.6	20.9	21.1
	3H	20.7	22.0	21.0	22.2	22.5	20.6	21.9	21.0	22.2	22.4
	4H	21.3	22.5	21.6	22.8	23.1	21.2	22.4	21.6	22.7	23.0
	6H	21.8	22.9	22.1	23.2	23.5	21.7	22.8	22.0	23.1	23.4
	8H	21.9	23.0	22.3	23.3	23.6	21.9	22.9	22.2	23.3	23.6
4H	12H	22.0	23.1	22.4	23.4	23.7	22.0	23.1	22.4	23.4	23.7
	2H	19.9	21.1	20.2	21.3	21.6	19.9	21.1	20.2	21.3	21.6
	3H	21.5	22.5	21.8	22.8	23.2	21.4	22.5	21.8	22.8	23.1
	4H	22.2	23.1	22.6	23.5	23.9	22.2	23.1	22.6	23.4	23.8
	6H	22.8	23.6	23.2	24.0	24.4	22.8	23.6	23.2	24.0	24.4
8H	8H	23.0	23.8	23.5	24.2	24.6	23.0	23.8	23.5	24.2	24.6
	12H	23.2	23.9	23.6	24.3	24.7	23.2	23.9	23.7	24.3	24.8
	4H	22.5	23.3	22.9	23.7	24.1	22.5	23.2	22.9	23.6	24.0
	6H	23.3	23.9	23.7	24.3	24.8	23.2	23.9	23.7	24.3	24.8
	8H	23.6	24.1	24.1	24.6	25.1	23.6	24.1	24.1	24.6	25.1
12H	12H	23.8	24.3	24.3	24.8	25.3	23.9	24.4	24.4	24.9	25.4
	4H	22.5	23.2	23.0	23.6	24.1	22.5	23.2	22.9	23.6	24.0
	6H	23.3	23.9	23.8	24.4	24.8	23.3	23.9	23.8	24.3	24.8
8H	23.7	24.2	24.2	24.7	25.2	23.7	24.2	24.2	24.7	25.2	
Variation of the observer position for the luminaire distances s											
S = 1.0H	+0.1 / -0.1					+0.1 / -0.1					
S = 1.5H	+0.2 / -0.4					+0.2 / -0.4					
S = 2.0H	+0.4 / -0.7					+0.4 / -0.7					
Standard table	BK06					BK06					
Correction Summand	6.7					6.6					
Corrected Glare Indices referring to 4750lm Total Luminous Flux											

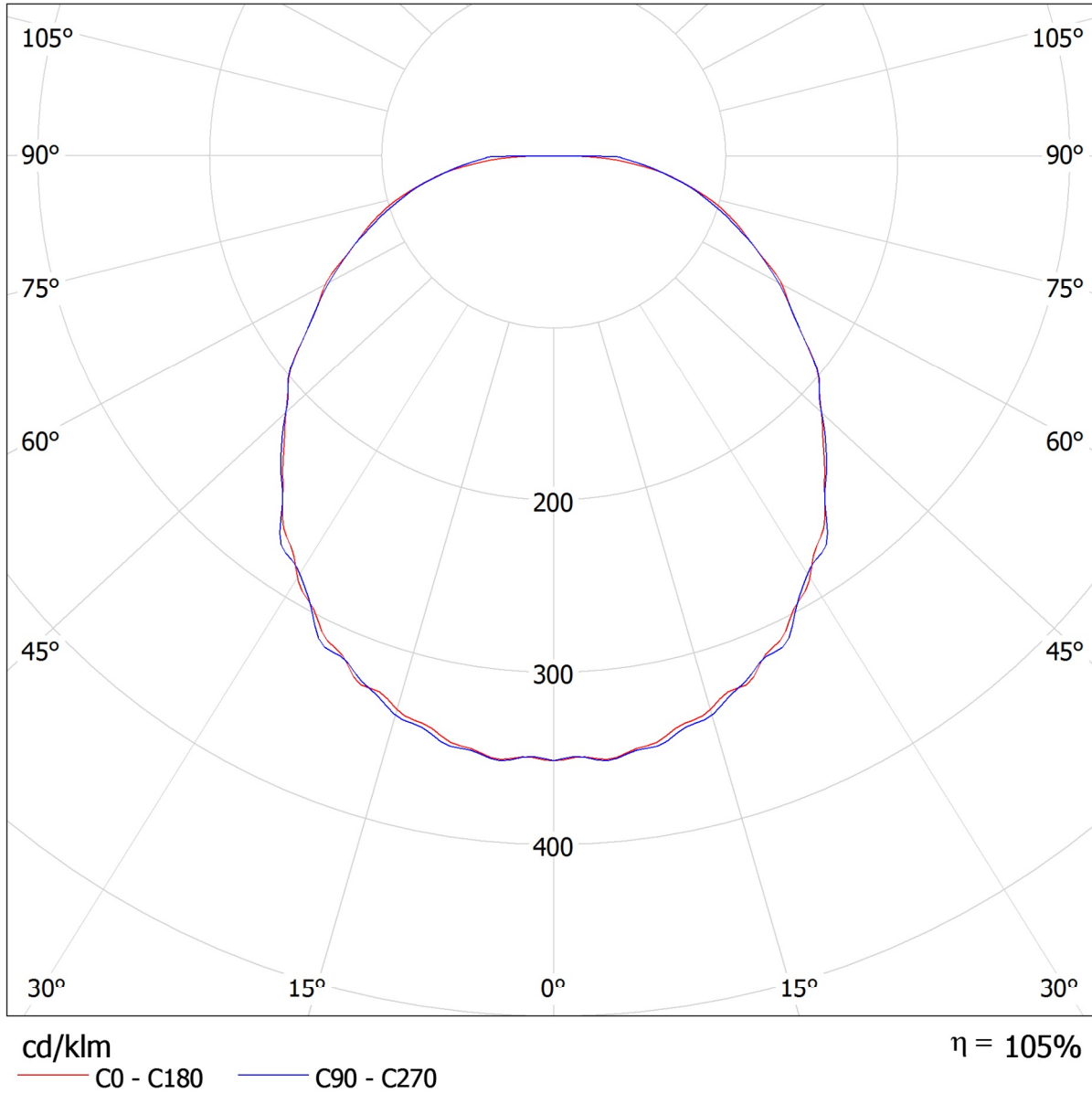


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### GlacialLight GL-BL50-NW-4000K-110D-Frosted-without lampshade / LDC (Polar)

Luminaire: GlacialLight GL-BL50-NW-4000K-110D-Frosted-without lampshade

Lamps: 1 x GL-BL50-NW-4000K-110D-Frosted-without lampshade



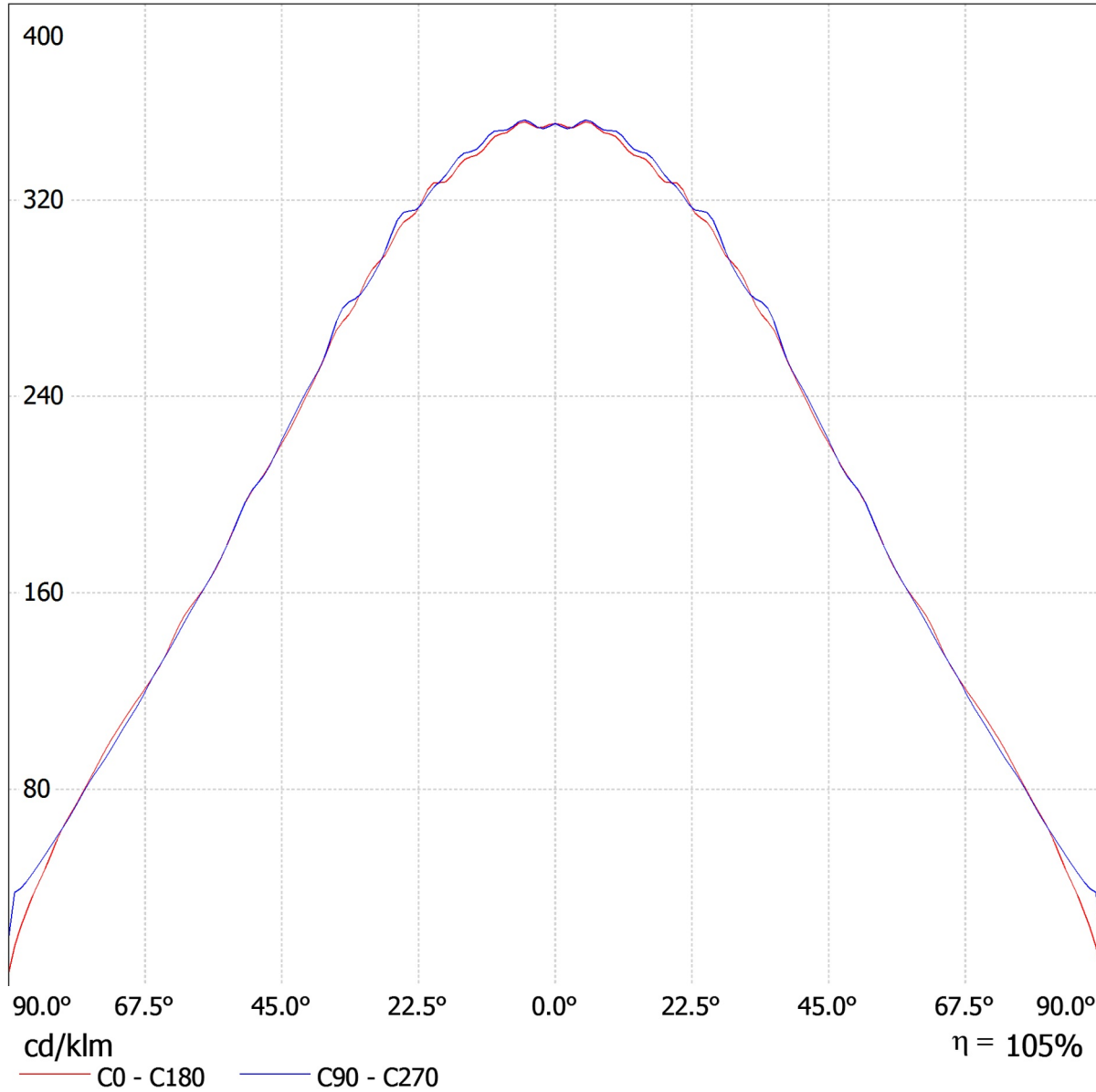


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### GlacialLight GL-BL50-NW-4000K-110D-Frosted-without lampshade / LDC (Linear)

Luminaire: GlacialLight GL-BL50-NW-4000K-110D-Frosted-without lampshade

Lamps: 1 x GL-BL50-NW-4000K-110D-Frosted-without lampshade



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## GlacialLight GL-BL50-NW-4000K-110D-Frosted-without lampshade / UGR-Table

Luminaire: GlacialLight GL-BL50-NW-4000K-110D-Frosted-without lampshade

Lamps: 1 x GL-BL50-NW-4000K-110D-Frosted-without lampshade

<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		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
X	Y										
2H	2H	19.3	20.7	19.6	20.9	21.1	19.3	20.7	19.6	20.9	21.1
	3H	20.7	22.0	21.0	22.2	22.5	20.6	21.9	21.0	22.2	22.4
	4H	21.3	22.5	21.6	22.8	23.1	21.2	22.4	21.6	22.7	23.0
	6H	21.8	22.9	22.1	23.2	23.5	21.7	22.8	22.0	23.1	23.4
	8H	21.9	23.0	22.3	23.3	23.6	21.9	22.9	22.2	23.3	23.6
	12H	22.0	23.1	22.4	23.4	23.7	22.0	23.1	22.4	23.4	23.7
4H	2H	19.9	21.1	20.2	21.3	21.6	19.9	21.1	20.2	21.3	21.6
	3H	21.5	22.5	21.8	22.8	23.2	21.4	22.5	21.8	22.8	23.1
	4H	22.2	23.1	22.6	23.5	23.9	22.2	23.1	22.6	23.4	23.8
	6H	22.8	23.6	23.2	24.0	24.4	22.8	23.6	23.2	24.0	24.4
	8H	23.0	23.8	23.5	24.2	24.6	23.0	23.8	23.5	24.2	24.6
	12H	23.2	23.9	23.6	24.3	24.7	23.2	23.9	23.7	24.3	24.8
8H	4H	22.5	23.3	22.9	23.7	24.1	22.5	23.2	22.9	23.6	24.0
	6H	23.3	23.9	23.7	24.3	24.8	23.2	23.9	23.7	24.3	24.8
	8H	23.6	24.1	24.1	24.6	25.1	23.6	24.1	24.1	24.6	25.1
	12H	23.8	24.3	24.3	24.8	25.3	23.9	24.4	24.4	24.9	25.4
12H	4H	22.5	23.2	23.0	23.6	24.1	22.5	23.2	22.9	23.6	24.0
	6H	23.3	23.9	23.8	24.4	24.8	23.3	23.9	23.8	24.3	24.8
	8H	23.7	24.2	24.2	24.7	25.2	23.7	24.2	24.2	24.7	25.2
Variation of the observer position for the luminaire distances S											
S = 1.0H		+0.1 / -0.1					+0.1 / -0.1				
S = 1.5H		+0.2 / -0.4					+0.2 / -0.4				
S = 2.0H		+0.4 / -0.7					+0.4 / -0.7				
Standard table		BK06					BK06				
Correction Summand		6.7					6.6				
Corrected Glare Indices referring to 4750lm 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-BL50-NW-4000K-110D-Frosted-without lampshade / Glare Data Sheet

Luminaire: GlacialLight GL-BL50-NW-4000K-110D-Frosted-without lampshade

Lamps: 1 x GL-BL50-NW-4000K-110D-Frosted-without lampshade

<b>Glare Evaluation According to UGR</b>											
		70	70	50	50	30	70	70	50	50	30
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	19.3	20.7	19.6	20.9	21.1	19.3	20.7	19.6	20.9	21.1
	3H	20.7	22.0	21.0	22.2	22.5	20.6	21.9	21.0	22.2	22.4
	4H	21.3	22.5	21.6	22.8	23.1	21.2	22.4	21.6	22.7	23.0
	6H	21.8	22.9	22.1	23.2	23.5	21.7	22.8	22.0	23.1	23.4
	8H	21.9	23.0	22.3	23.3	23.6	21.9	22.9	22.2	23.3	23.6
4H	12H	22.0	23.1	22.4	23.4	23.7	22.0	23.1	22.4	23.4	23.7
	2H	19.9	21.1	20.2	21.3	21.6	19.9	21.1	20.2	21.3	21.6
	3H	21.5	22.5	21.8	22.8	23.2	21.4	22.5	21.8	22.8	23.1
	4H	22.2	23.1	22.6	23.5	23.9	22.2	23.1	22.6	23.4	23.8
	6H	22.8	23.6	23.2	24.0	24.4	22.8	23.6	23.2	24.0	24.4
8H	8H	23.0	23.8	23.5	24.2	24.6	23.0	23.8	23.5	24.2	24.6
	12H	23.2	23.9	23.6	24.3	24.7	23.2	23.9	23.7	24.3	24.8
	4H	22.5	23.3	22.9	23.7	24.1	22.5	23.2	22.9	23.6	24.0
	6H	23.3	23.9	23.7	24.3	24.8	23.2	23.9	23.7	24.3	24.8
	8H	23.6	24.1	24.1	24.6	25.1	23.6	24.1	24.1	24.6	25.1
12H	12H	23.8	24.3	24.3	24.8	25.3	23.9	24.4	24.4	24.9	25.4
	4H	22.5	23.2	23.0	23.6	24.1	22.5	23.2	22.9	23.6	24.0
	6H	23.3	23.9	23.8	24.4	24.8	23.3	23.9	23.8	24.3	24.8
	8H	23.7	24.2	24.2	24.7	25.2	23.7	24.2	24.2	24.7	25.2
	Variation of the observer position for the luminaire distances S										
S = 1.0H		+0.1 / -0.1					+0.1 / -0.1				
S = 1.5H		+0.2 / -0.4					+0.2 / -0.4				
S = 2.0H		+0.4 / -0.7					+0.4 / -0.7				
Standard table Correction Summand		BK06 6.7					BK06 6.6				
Corrected Glare Indices referring to 4750lm Total Luminous Flux											

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

