

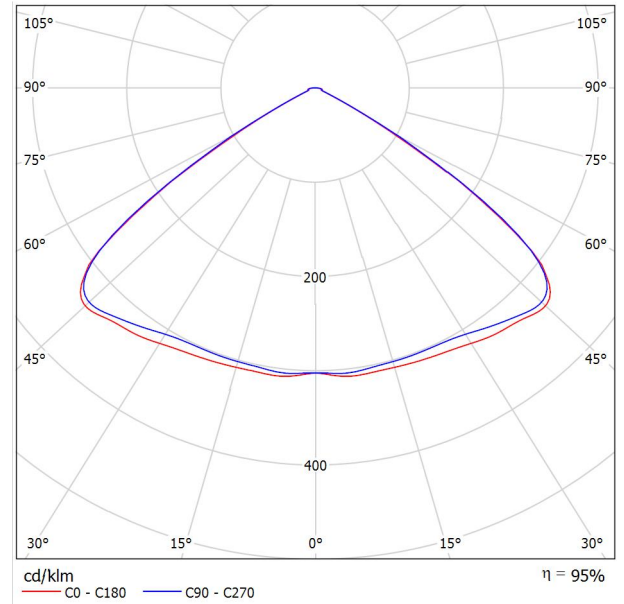
GlacialTech Inc.
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GlacialLight GL-BL60-NL-NW-4000K-(with lampshade)120D-(Natural Sunlight) / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100
 CIE flux code: 52 96 99 100 95

Luminous emittance 1:

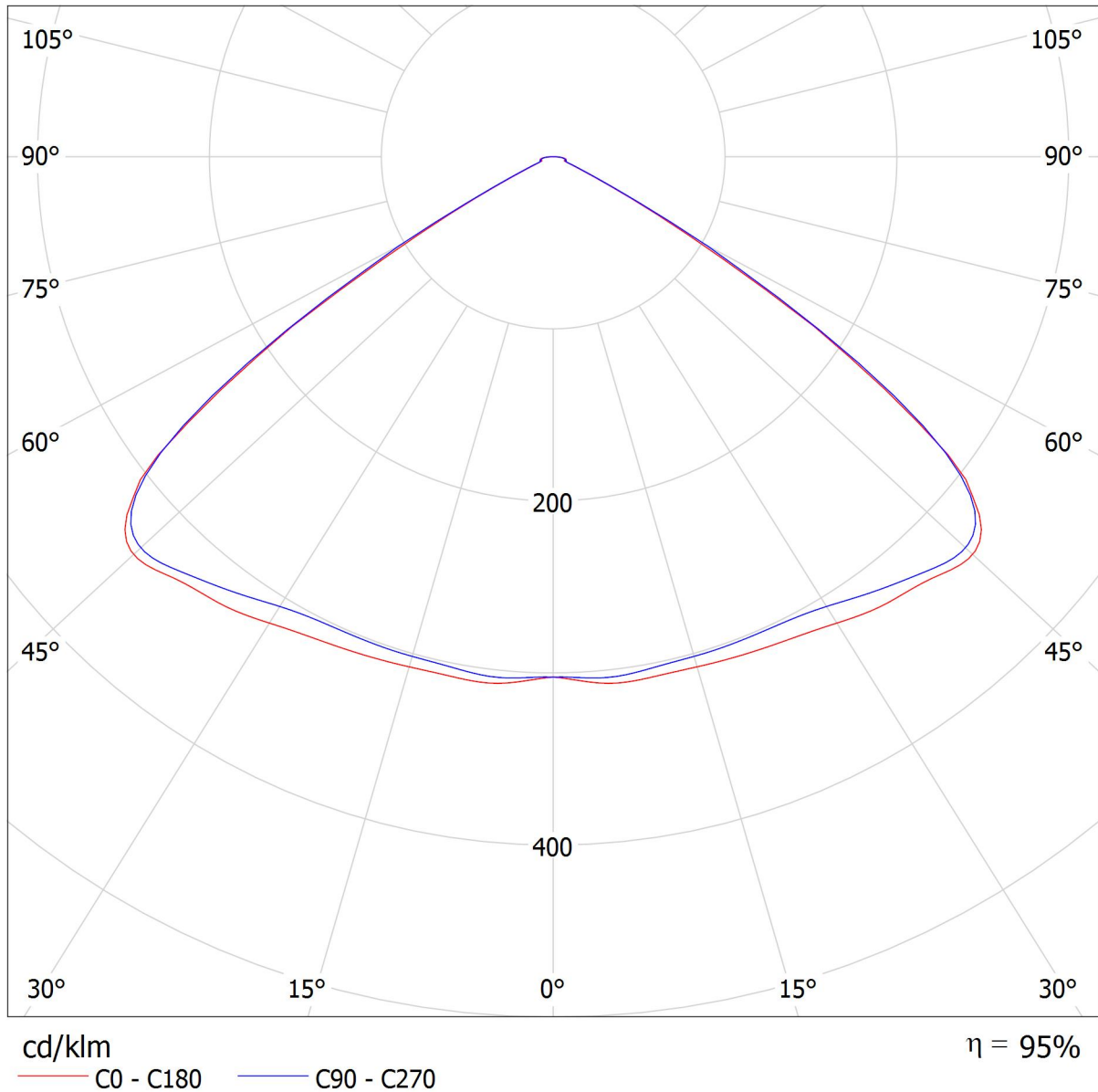
Glare Evaluation According to UGR											
p Ceiling		70	70	50	50	30	70	70	50	50	30
p Walls		50	30	50	30	30	50	30	50	30	30
p Floor		20	20	20	20	20	20	20	20	20	20
Room Size X Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	23.7	24.9	24.0	25.2	25.4	23.8	25.0	24.1	25.3	25.5
	3H	23.6	24.7	23.9	24.9	25.2	23.7	24.8	24.0	25.0	25.3
	4H	23.5	24.5	23.8	24.8	25.1	23.6	24.6	23.9	24.9	25.2
	6H	23.4	24.4	23.8	24.7	25.0	23.5	24.5	23.9	24.8	25.1
	8H	23.4	24.3	23.8	24.6	24.9	23.5	24.4	23.9	24.7	25.0
4H	12H	23.4	24.2	23.7	24.5	24.9	23.5	24.3	23.8	24.6	25.0
	2H	23.7	24.7	24.0	25.0	25.2	23.8	24.8	24.1	25.1	25.3
	3H	23.6	24.4	23.9	24.7	25.0	23.6	24.5	24.0	24.8	25.1
	4H	23.5	24.2	23.9	24.6	24.9	23.6	24.3	24.0	24.7	25.0
	6H	23.4	24.1	23.9	24.4	24.8	23.5	24.2	23.9	24.5	24.9
8H	8H	23.4	24.0	23.8	24.4	24.8	23.5	24.1	23.9	24.5	24.9
	12H	23.4	23.9	23.8	24.3	24.7	23.5	24.0	23.9	24.4	24.8
	4H	23.4	24.0	23.8	24.4	24.8	23.5	24.1	23.9	24.5	24.9
	6H	23.3	23.8	23.8	24.2	24.7	23.4	23.9	23.9	24.3	24.8
	8H	23.3	23.7	23.8	24.2	24.7	23.4	23.8	23.9	24.3	24.7
12H	12H	23.3	23.6	23.8	24.1	24.6	23.4	23.7	23.9	24.2	24.7
	4H	23.4	23.9	23.8	24.3	24.7	23.5	24.0	23.9	24.4	24.8
	6H	23.3	23.7	23.8	24.2	24.6	23.4	23.8	23.9	24.3	24.7
8H	23.3	23.6	23.8	24.1	24.6	23.4	23.7	23.8	24.2	24.7	
Variation of the observer position for the luminaire distances S											
S = 1.0H		+1.4 / -1.2					+1.3 / -1.0				
S = 1.5H		+2.7 / -10.5					+2.5 / -9.4				
S = 2.0H		+4.3 / -13.5					+4.2 / -13.3				
Standard table		BK00					BK00				
Correction Summand		5.1					5.2				
Corrected Glare Indices referring to 4950lm Total Luminous Flux											

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GlacialLight GL-BL60-NL-NW-4000K-(with lampshade)120D-(Natural Sunlight) / LDC (Polar)

Luminaire: GlacialLight GL-BL60-NL-NW-4000K-(with lampshade)120D-(Natural Sunlight)
Lamps: 1 x Bay Light

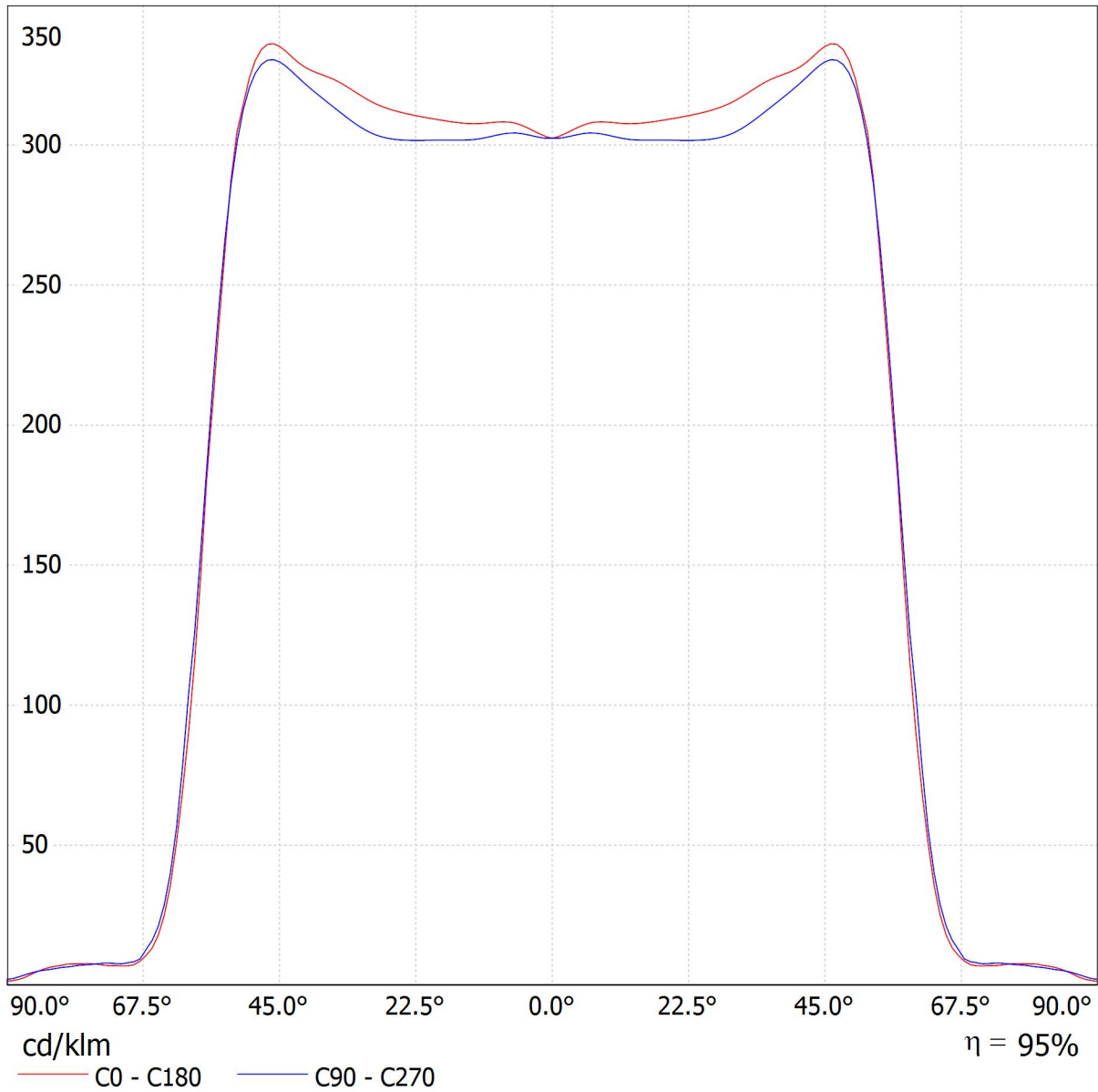


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GlacialLight GL-BL60-NL-NW-4000K-(with lampshade)120D-(Natural Sunlight) / LDC (Linear)

Luminaire: GlacialLight GL-BL60-NL-NW-4000K-(with lampshade)120D-(Natural Sunlight)
Lamps: 1 x Bay Light



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GlacialLight GL-BL60-NL-NW-4000K-(with lampshade)120D-(Natural Sunlight) / UGR-Table

Luminaire: GlacialLight GL-BL60-NL-NW-4000K-(with lampshade)120D-(Natural Sunlight)
 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	23.7	24.9	24.0	25.2	25.4	23.8	25.0	24.1	25.3	25.5
	3H	23.6	24.7	23.9	24.9	25.2	23.7	24.8	24.0	25.0	25.3
	4H	23.5	24.5	23.8	24.8	25.1	23.6	24.6	23.9	24.9	25.2
	6H	23.4	24.4	23.8	24.7	25.0	23.5	24.5	23.9	24.8	25.1
	8H	23.4	24.3	23.8	24.6	24.9	23.5	24.4	23.9	24.7	25.0
4H	12H	23.4	24.2	23.7	24.5	24.9	23.5	24.3	23.8	24.6	25.0
	2H	23.7	24.7	24.0	25.0	25.2	23.8	24.8	24.1	25.1	25.3
	3H	23.6	24.4	23.9	24.7	25.0	23.6	24.5	24.0	24.8	25.1
	4H	23.5	24.2	23.9	24.6	24.9	23.6	24.3	24.0	24.7	25.0
	6H	23.4	24.1	23.9	24.4	24.8	23.5	24.2	23.9	24.5	24.9
8H	8H	23.4	24.0	23.8	24.4	24.8	23.5	24.1	23.9	24.5	24.9
	12H	23.4	23.9	23.8	24.3	24.7	23.5	24.0	23.9	24.4	24.8
	4H	23.4	24.0	23.8	24.4	24.8	23.5	24.1	23.9	24.5	24.9
	6H	23.3	23.8	23.8	24.2	24.7	23.4	23.9	23.9	24.3	24.8
	8H	23.3	23.7	23.8	24.2	24.7	23.4	23.8	23.9	24.3	24.7
12H	12H	23.3	23.6	23.8	24.1	24.6	23.4	23.7	23.9	24.2	24.7
	4H	23.4	23.9	23.8	24.3	24.7	23.5	24.0	23.9	24.4	24.8
	6H	23.3	23.7	23.8	24.2	24.6	23.4	23.8	23.9	24.3	24.7
	8H	23.3	23.6	23.8	24.1	24.6	23.4	23.7	23.8	24.2	24.7
	Variation of the observer position for the luminaire distances S										
S = 1.0H	+1.4 / -1.2					+1.3 / -1.0					
S = 1.5H	+2.7 / -10.5					+2.5 / -9.4					
S = 2.0H	+4.3 / -13.5					+4.2 / -13.3					
Standard table	BK00					BK00					
Correction Summand	5.1					5.2					
Corrected Glare Indices referring to 4950lm Total Luminous Flux											

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

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Luminaire: GlacialLight GL-BL60-NL-NW-4000K-(with lampshade) 120D-(Natural Sunlight)

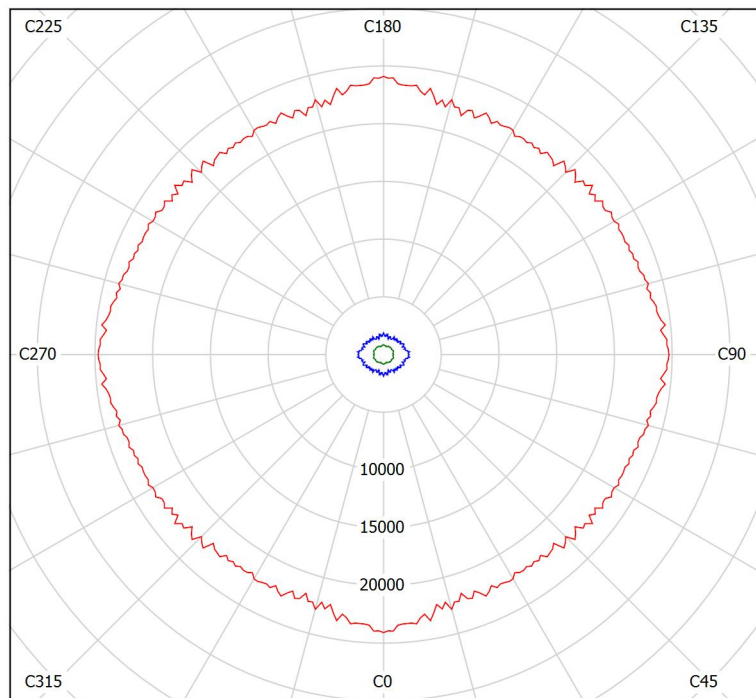
Lamps: 1 x Bay Light

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	23.7	24.9	24.0	25.2	25.4	23.8	25.0	24.1	25.3	25.5
	3H	23.6	24.7	23.9	24.9	25.2	23.7	24.8	24.0	25.0	25.3
	4H	23.5	24.5	23.8	24.8	25.1	23.6	24.6	23.9	24.9	25.2
	6H	23.4	24.4	23.8	24.7	25.0	23.5	24.5	23.9	24.8	25.1
	8H	23.4	24.3	23.8	24.6	24.9	23.5	24.4	23.9	24.7	25.0
	12H	23.4	24.2	23.7	24.5	24.9	23.5	24.3	23.8	24.6	25.0
4H	2H	23.7	24.7	24.0	25.0	25.2	23.8	24.8	24.1	25.1	25.3
	3H	23.6	24.4	23.9	24.7	25.0	23.6	24.5	24.0	24.8	25.1
	4H	23.5	24.2	23.9	24.6	24.9	23.6	24.3	24.0	24.7	25.0
	6H	23.4	24.1	23.9	24.4	24.8	23.5	24.2	23.9	24.5	24.9
	8H	23.4	24.0	23.8	24.4	24.8	23.5	24.1	23.9	24.5	24.9
	12H	23.4	23.9	23.8	24.3	24.7	23.5	24.0	23.9	24.4	24.8
8H	4H	23.4	24.0	23.8	24.4	24.8	23.5	24.1	23.9	24.5	24.9
	6H	23.3	23.8	23.8	24.2	24.7	23.4	23.9	23.9	24.3	24.8
	8H	23.3	23.7	23.8	24.2	24.7	23.4	23.8	23.9	24.3	24.7
	12H	23.3	23.6	23.8	24.1	24.6	23.4	23.7	23.9	24.2	24.7
12H	4H	23.4	23.9	23.8	24.3	24.7	23.5	24.0	23.9	24.4	24.8
	6H	23.3	23.7	23.8	24.2	24.6	23.4	23.8	23.9	24.3	24.7
	8H	23.3	23.6	23.8	24.1	24.6	23.4	23.7	23.8	24.2	24.7

Variation of the observer position for the luminaire distances S		
S = 1.0H	+1.4 / -1.2	+1.3 / -1.0
S = 1.5H	+2.7 / -10.5	+2.5 / -9.4
S = 2.0H	+4.3 / -13.5	+4.2 / -13.3
Standard table Correction Summand	BK00 5.1	BK00 5.2

Corrected Glare Indices referring to 4950lm Total Luminous Flux

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



cd/m²
 — g = 55.0° — g = 65.0° — g = 75.0°