

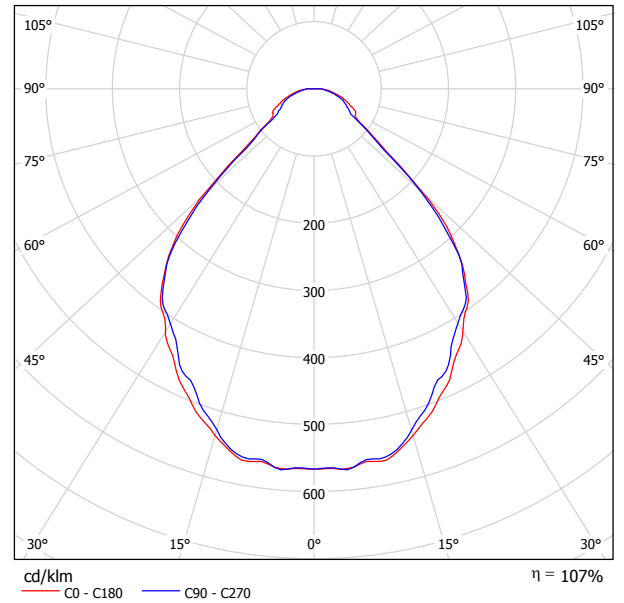


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## GlacialLight BL30-CW-5000K-Frosted Cover-with lampshade(90D) / Luminaire Data Sheet

See our luminaire catalog for an image of the luminaire.

Luminous emittance 1:



Luminaire classification according to CIE: 100  
CIE flux code: 65 89 97 100 108

Luminous emittance 1:

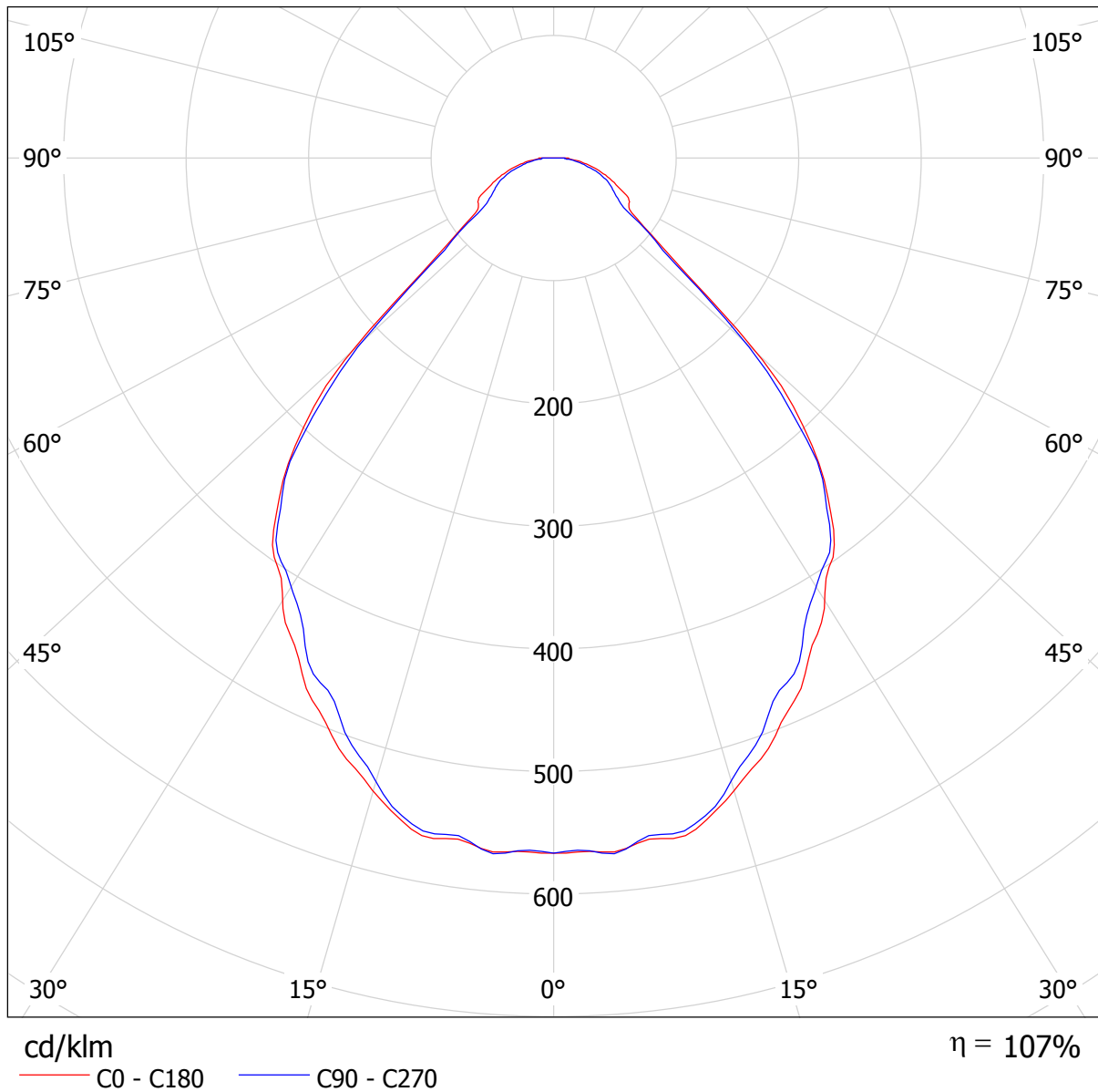
Glare Evaluation According to UGR											
n Ceiling	70	70	50	50	30	70	70	50	50	30	
n Walls	50	30	50	30	30	50	30	50	30	30	
n Floor	20	20	20	20	20	20	20	20	20	20	
Room Size X Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis					
2H	2H	15.3	16.4	15.6	16.6	16.8	15.1	16.1	15.3	16.4	16.6
	3H	15.8	16.8	16.1	17.0	17.3	15.4	16.4	15.7	16.6	16.9
	4H	16.0	17.0	16.4	17.2	17.5	15.6	16.5	15.9	16.8	17.0
	6H	16.2	17.1	16.6	17.4	17.7	15.7	16.5	16.0	16.8	17.1
	8H	16.3	17.1	16.6	17.4	17.7	15.7	16.5	16.1	16.8	17.1
12H	16.3	17.1	16.7	17.4	17.7	15.7	16.5	16.1	16.8	17.2	
4H	2H	15.5	16.4	15.8	16.7	16.9	15.2	16.2	15.6	16.4	16.7
	3H	16.2	17.0	16.6	17.3	17.6	15.8	16.6	16.2	16.9	17.2
	4H	16.6	17.3	17.0	17.6	18.0	16.1	16.8	16.5	17.1	17.5
	6H	16.9	17.4	17.3	17.8	18.2	16.3	16.9	16.7	17.3	17.6
	8H	17.0	17.5	17.4	17.9	18.3	16.4	16.9	16.8	17.3	17.7
12H	17.0	17.5	17.5	17.9	18.4	16.4	16.9	16.8	17.3	17.7	
8H	4H	16.7	17.3	17.2	17.7	18.1	16.3	16.8	16.7	17.2	17.6
	6H	17.1	17.6	17.6	18.0	18.5	16.6	17.0	17.0	17.4	17.9
	8H	17.3	17.7	17.8	18.2	18.6	16.7	17.1	17.2	17.5	18.0
	12H	17.5	17.8	18.0	18.3	18.8	16.8	17.1	17.3	17.6	18.1
12H	4H	16.7	17.2	17.2	17.6	18.0	16.3	16.8	16.7	17.2	17.6
	6H	17.2	17.6	17.7	18.0	18.5	16.6	17.0	17.1	17.5	17.9
	8H	17.4	17.7	17.9	18.2	18.7	16.8	17.1	17.3	17.6	18.1
Variation of the observer position for the luminaire distances S											
S = 1.0H	+0.8 / -1.3					+1.0 / -1.4					
S = 1.5H	+1.9 / -1.5					+2.1 / -1.8					
S = 2.0H	+3.3 / -1.9					+3.6 / -2.3					
Standard table	BK03					BK03					
Correction	-0.3					-0.7					
Summand											
Corrected Glare Indices referring to 2550lm Total Luminous Flux											



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### GlacialLight BL30-CW-5000K-Frosted Cover-with lampshade(90D) / LDC (Polar)

Luminaire: GlacialLight BL30-CW-5000K-Frosted Cover-with lampshade(90D)  
Lamps: 1 x Bay Light

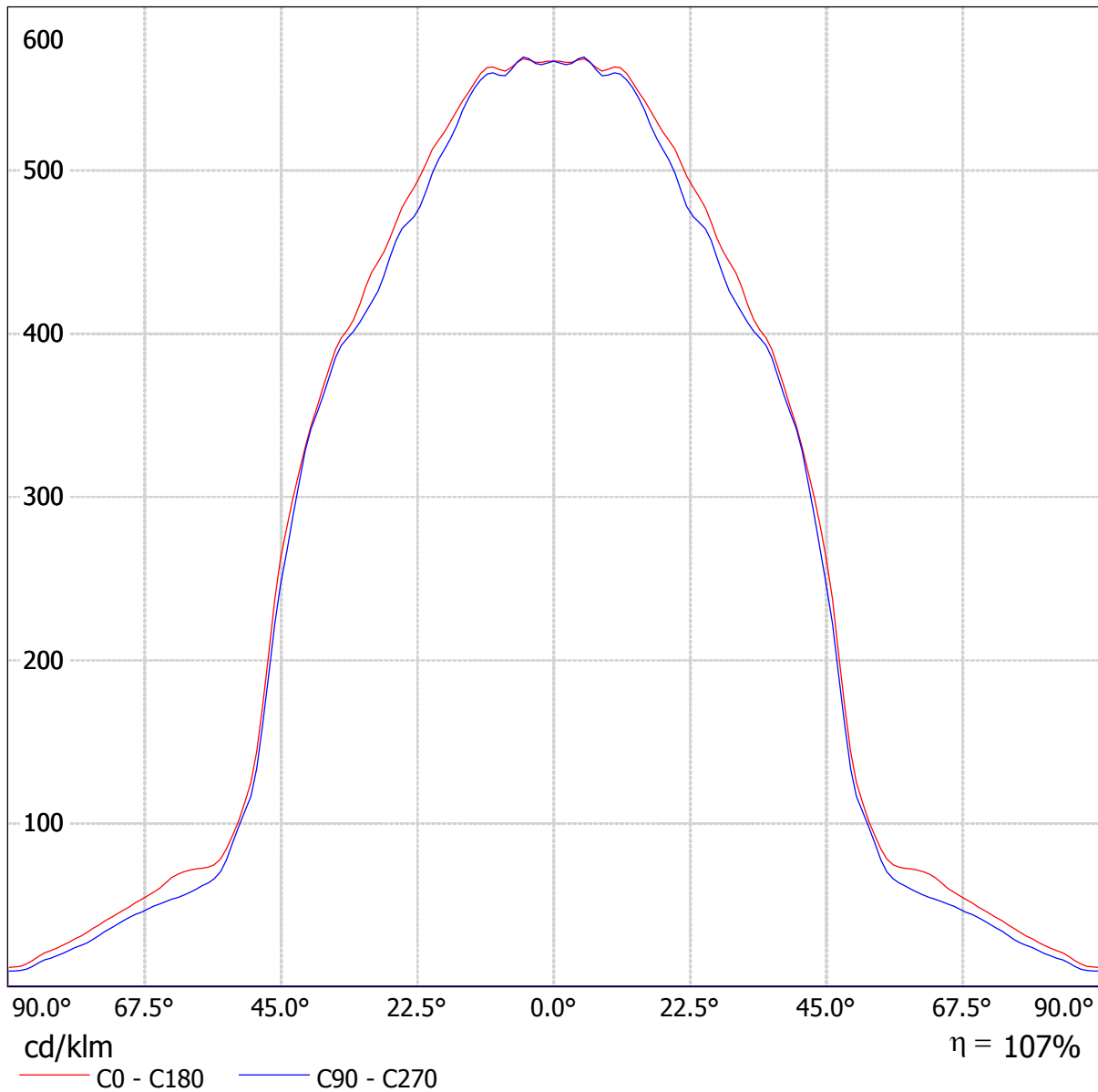




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### GlacialLight BL30-CW-5000K-Frosted Cover-with lampshade(90D) / LDC (Linear)

Luminaire: GlacialLight BL30-CW-5000K-Frosted Cover-with lampshade(90D)  
Lamps: 1 x Bay Light





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**GlacialLight BL30-CW-5000K-Frosted Cover-with lampshade(90D) / UGR-Table**

Luminaire: GlacialLight BL30-CW-5000K-Frosted Cover-with lampshade(90D)  
Lamps: 1 x Bay 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 X Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	15.3	16.4	15.6	16.6	16.8	15.1	16.1	15.3	16.4	16.6
	3H	15.8	16.8	16.1	17.0	17.3	15.4	16.4	15.7	16.6	16.9
	4H	16.0	17.0	16.4	17.2	17.5	15.6	16.5	15.9	16.8	17.0
	6H	16.2	17.1	16.6	17.4	17.7	15.7	16.5	16.0	16.8	17.1
	8H	16.3	17.1	16.6	17.4	17.7	15.7	16.5	16.1	16.8	17.1
	12H	16.3	17.1	16.7	17.4	17.7	15.7	16.5	16.1	16.8	17.2
4H	2H	15.5	16.4	15.8	16.7	16.9	15.2	16.2	15.6	16.4	16.7
	3H	16.2	17.0	16.6	17.3	17.6	15.8	16.6	16.2	16.9	17.2
	4H	16.6	17.3	17.0	17.6	18.0	16.1	16.8	16.5	17.1	17.5
	6H	16.9	17.4	17.3	17.8	18.2	16.3	16.9	16.7	17.3	17.6
	8H	17.0	17.5	17.4	17.9	18.3	16.4	16.9	16.8	17.3	17.7
	12H	17.0	17.5	17.5	17.9	18.4	16.4	16.9	16.8	17.3	17.7
8H	4H	16.7	17.3	17.2	17.7	18.1	16.3	16.8	16.7	17.2	17.6
	6H	17.1	17.6	17.6	18.0	18.5	16.6	17.0	17.0	17.4	17.9
	8H	17.3	17.7	17.8	18.2	18.6	16.7	17.1	17.2	17.5	18.0
	12H	17.5	17.8	18.0	18.3	18.8	16.8	17.1	17.3	17.6	18.1
12H	4H	16.7	17.2	17.2	17.6	18.0	16.3	16.8	16.7	17.2	17.6
	6H	17.2	17.6	17.7	18.0	18.5	16.6	17.0	17.1	17.5	17.9
	8H	17.4	17.7	17.9	18.2	18.7	16.8	17.1	17.3	17.6	18.1
Variation of the observer position for the luminaire distances S											
S = 1.0H		+0.8 / -1.3					+1.0 / -1.4				
S = 1.5H		+1.9 / -1.5					+2.1 / -1.8				
S = 2.0H		+3.3 / -1.9					+3.6 / -2.3				
Standard table		BK03					BK03				
Correction Summand		-0.3					-0.7				
Corrected Glare Indices referring to 2550lm Total Luminous Flux											

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



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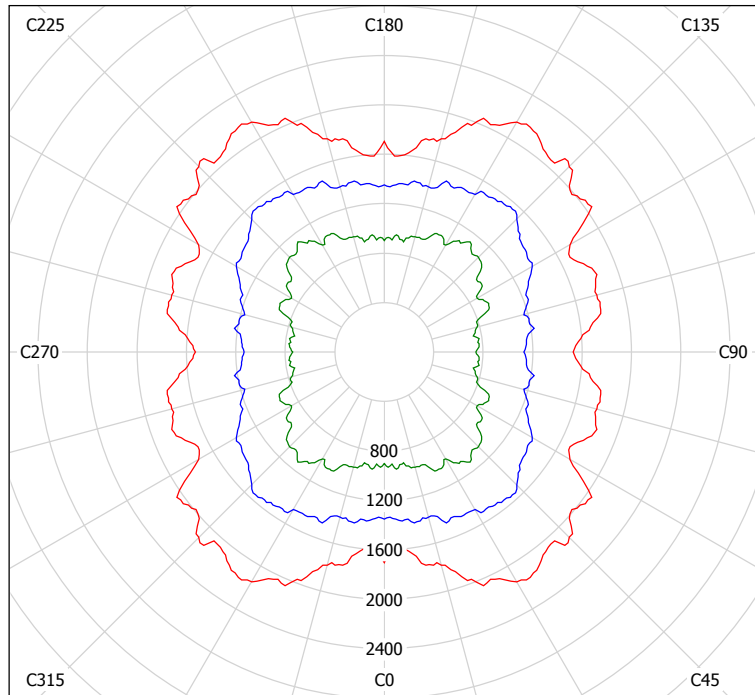
## GlacialLight BL30-CW-5000K-Frosted Cover-with lampshade(90D) / Glare Data Sheet

Luminaire: GlacialLight BL30-CW-5000K-Frosted Cover-with lampshade(90D)

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	15.3	16.4	15.6	16.6	16.8	15.1	16.1	15.3	16.4	16.6
	3H	15.8	16.8	16.1	17.0	17.3	15.4	16.4	15.7	16.6	16.9
	4H	16.0	17.0	16.4	17.2	17.5	15.6	16.5	15.9	16.8	17.0
	6H	16.2	17.1	16.6	17.4	17.7	15.7	16.5	16.0	16.8	17.1
	8H	16.3	17.1	16.6	17.4	17.7	15.7	16.5	16.1	16.8	17.1
	12H	16.3	17.1	16.7	17.4	17.7	15.7	16.5	16.1	16.8	17.2
4H	2H	15.5	16.4	15.8	16.7	16.9	15.2	16.2	15.6	16.4	16.7
	3H	16.2	17.0	16.6	17.3	17.6	15.8	16.6	16.2	16.9	17.2
	4H	16.6	17.3	17.0	17.6	18.0	16.1	16.8	16.5	17.1	17.5
	6H	16.9	17.4	17.3	17.8	18.2	16.3	16.9	16.7	17.3	17.6
	8H	17.0	17.5	17.4	17.9	18.3	16.4	16.9	16.8	17.3	17.7
	12H	17.0	17.5	17.5	17.9	18.4	16.4	16.9	16.8	17.3	17.7
8H	4H	16.7	17.3	17.2	17.7	18.1	16.3	16.8	16.7	17.2	17.6
	6H	17.1	17.6	17.6	18.0	18.5	16.6	17.0	17.0	17.4	17.9
	8H	17.3	17.7	17.8	18.2	18.6	16.7	17.1	17.2	17.5	18.0
	12H	17.5	17.8	18.0	18.3	18.8	16.8	17.1	17.3	17.6	18.1
12H	4H	16.7	17.2	17.2	17.6	18.0	16.3	16.8	16.7	17.2	17.6
	6H	17.2	17.6	17.7	18.0	18.5	16.6	17.0	17.1	17.5	17.9
	8H	17.4	17.7	17.9	18.2	18.7	16.8	17.1	17.3	17.6	18.1
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S = 1.0H	+0.8 / -1.3					+1.0 / -1.4					
S = 1.5H	+1.9 / -1.5					+2.1 / -1.8					
S = 2.0H	+3.3 / -1.9					+3.6 / -2.3					
Standard table	BK03					BK03					
Correction Summand	-0.3					-0.7					
Corrected Glare Indices referring to 2550lm Total Luminous Flux											

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



cd/m<sup>2</sup>  
— g = 55.0°    — g = 65.0°    — g = 75.0°