

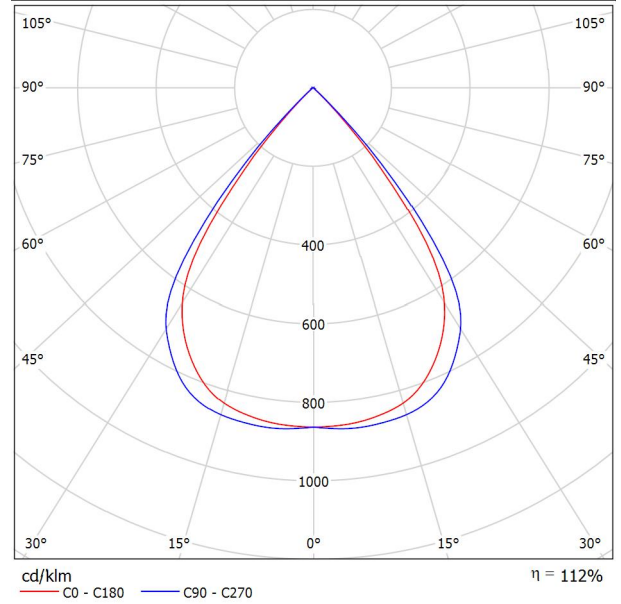
GlacialTech Inc.  
 http://www.glaciallight.com  
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## GlacialLight GL-FL190-CW-5000K-70D Lens-with lampshade / Luminaire Data Sheet

### Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100  
 CIE flux code: 93 99 100 100 112

### Luminous emittance 1:

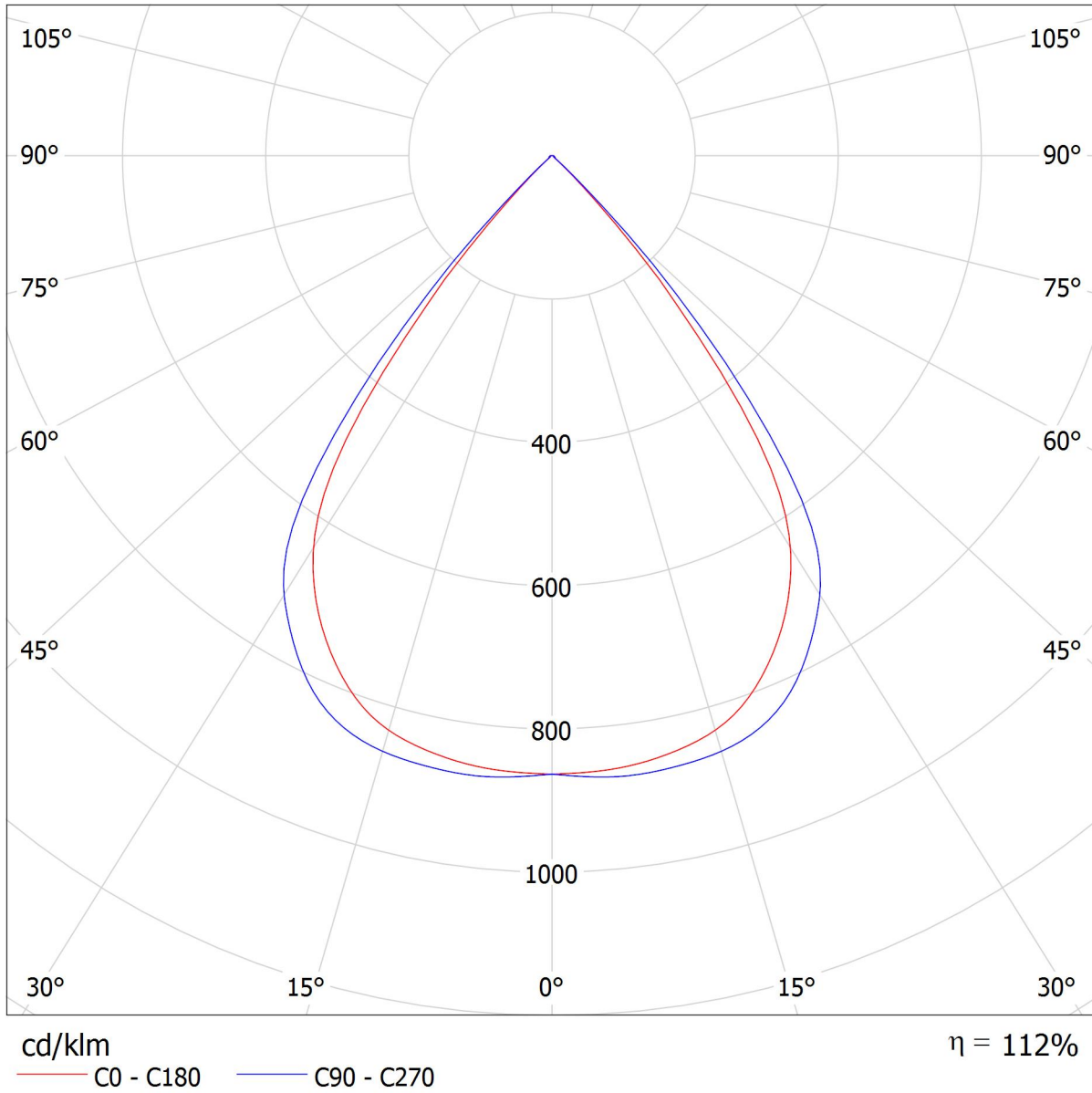
Glare Evaluation According to UGR											
ρ Ceiling	70	70	50	50	30	70	70	50	50	30	
ρ Walls	50	30	50	30	30	50	30	50	30	30	
ρ Floor	20	20	20	20	20	20	20	20	20	20	
Room Size X Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis					
2H	2H	20.9	21.6	21.2	21.8	22.0	21.8	22.5	22.1	22.7	22.9
	3H	20.8	21.4	21.1	21.6	21.9	21.7	22.3	22.0	22.6	22.8
	4H	20.7	21.3	21.0	21.6	21.8	21.6	22.2	21.9	22.5	22.7
	6H	20.6	21.2	21.0	21.5	21.7	21.6	22.1	21.9	22.4	22.7
	8H	20.6	21.1	20.9	21.4	21.7	21.5	22.1	21.9	22.3	22.6
4H	12H	20.6	21.1	20.9	21.4	21.7	21.5	22.0	21.8	22.3	22.6
	2H	20.7	21.3	21.0	21.6	21.8	21.6	22.2	21.9	22.5	22.7
	3H	20.6	21.1	20.9	21.4	21.7	21.5	22.0	21.8	22.3	22.6
	4H	20.5	20.9	20.9	21.3	21.6	21.4	21.9	21.8	22.2	22.5
	6H	20.4	20.8	20.8	21.1	21.5	21.4	21.7	21.7	22.1	22.5
8H	8H	20.4	20.7	20.8	21.1	21.5	21.3	21.6	21.7	22.0	22.4
	12H	20.3	20.6	20.8	21.0	21.4	21.3	21.6	21.7	22.0	22.4
	4H	20.4	20.7	20.8	21.1	21.5	21.3	21.6	21.7	22.0	22.4
	6H	20.3	20.5	20.7	21.0	21.4	21.2	21.5	21.7	21.9	22.3
	8H	20.3	20.5	20.7	20.9	21.4	21.2	21.4	21.7	21.8	22.3
12H	12H	20.2	20.4	20.7	20.8	21.3	21.2	21.3	21.6	21.8	22.3
	4H	20.3	20.6	20.8	21.0	21.4	21.3	21.5	21.7	21.9	22.4
	6H	20.3	20.5	20.7	20.9	21.4	21.2	21.4	21.7	21.8	22.3
	8H	20.2	20.4	20.7	20.8	21.3	21.1	21.3	21.6	21.8	22.3
	8H	20.2	20.4	20.7	20.8	21.3	21.1	21.3	21.6	21.8	22.3
Variation of the observer position for the luminaire distances S											
S = 1.0H	+4.3 / -15.4					+4.6 / -14.0					
S = 1.5H	+7.1 / -15.6					+7.4 / -14.4					
S = 2.0H	+9.1 / -15.8					+9.4 / -14.6					
Standard table	BK00					BK00					
Correction	2.6					3.6					
Summand											
Corrected Glare Indices referring to 23000lm Total Luminous Flux											

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### GlacialLight GL-FL190-CW-5000K-70D Lens-with lampshade / LDC (Polar)

Luminaire: GlacialLight GL-FL190-CW-5000K-70D Lens-with lampshade  
Lamps: 1 x Flood Light

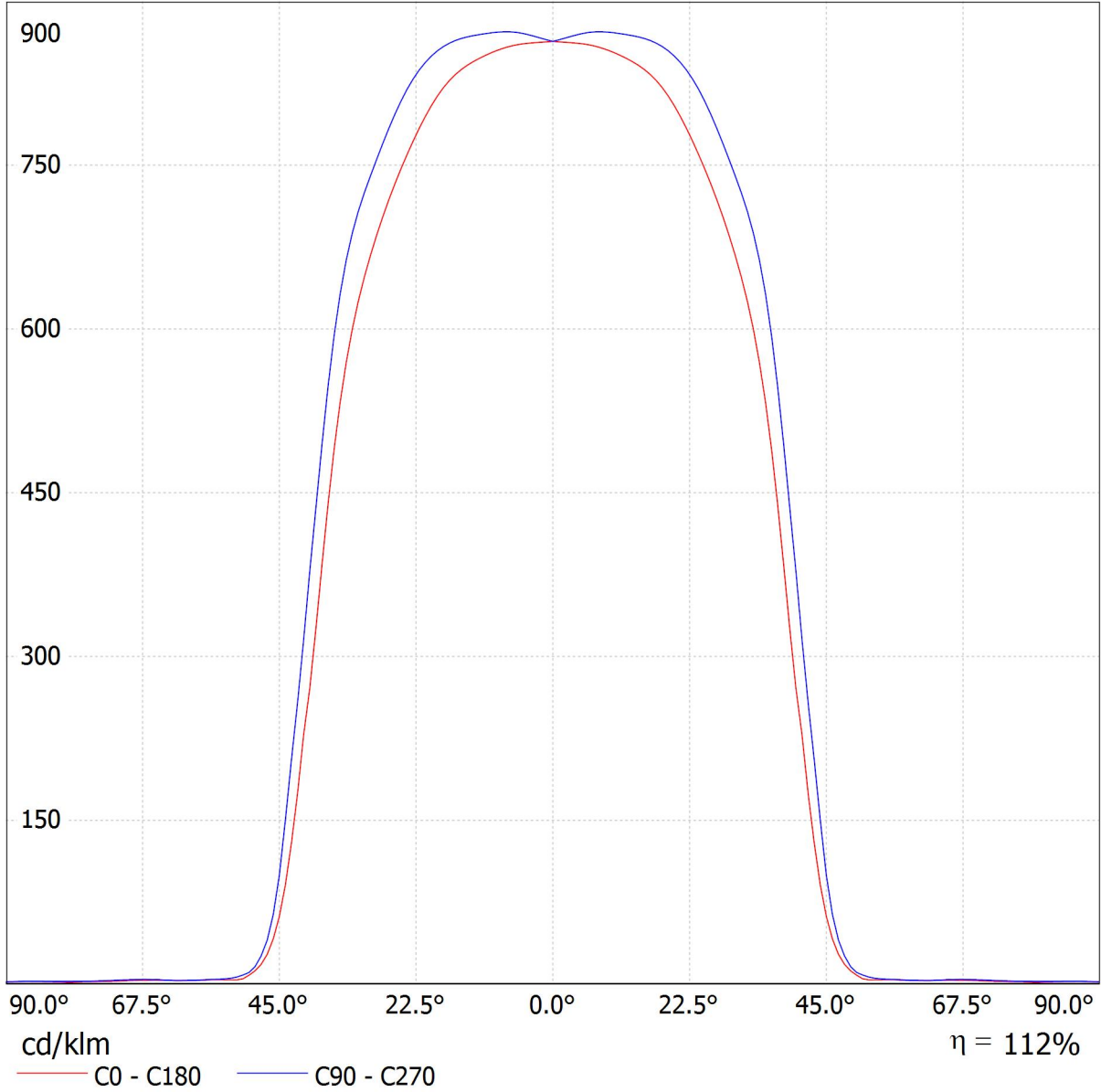


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### GlacialLight GL-FL190-CW-5000K-70D Lens-with lampshade / LDC (Linear)

Luminaire: GlacialLight GL-FL190-CW-5000K-70D Lens-with lampshade  
Lamps: 1 x Flood Light



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### GlacialLight GL-FL190-CW-5000K-70D Lens-with lampshade / UGR-Table

Luminaire: GlacialLight GL-FL190-CW-5000K-70D Lens-with lampshade  
 Lamps: 1 x Flood 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		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
X	Y										
2H	2H	20.9	21.6	21.2	21.8	22.0	21.8	22.5	22.1	22.7	22.9
	3H	20.8	21.4	21.1	21.6	21.9	21.7	22.3	22.0	22.6	22.8
	4H	20.7	21.3	21.0	21.6	21.8	21.6	22.2	21.9	22.5	22.7
	6H	20.6	21.2	21.0	21.5	21.7	21.6	22.1	21.9	22.4	22.7
	8H	20.6	21.1	20.9	21.4	21.7	21.5	22.1	21.9	22.3	22.6
	12H	20.6	21.1	20.9	21.4	21.7	21.5	22.0	21.8	22.3	22.6
4H	2H	20.7	21.3	21.0	21.6	21.8	21.6	22.2	21.9	22.5	22.7
	3H	20.6	21.1	20.9	21.4	21.7	21.5	22.0	21.8	22.3	22.6
	4H	20.5	20.9	20.9	21.3	21.6	21.4	21.9	21.8	22.2	22.5
	6H	20.4	20.8	20.8	21.1	21.5	21.4	21.7	21.7	22.1	22.5
	8H	20.4	20.7	20.8	21.1	21.5	21.3	21.6	21.7	22.0	22.4
	12H	20.3	20.6	20.8	21.0	21.4	21.3	21.6	21.7	22.0	22.4
8H	4H	20.4	20.7	20.8	21.1	21.5	21.3	21.6	21.7	22.0	22.4
	6H	20.3	20.5	20.7	21.0	21.4	21.2	21.5	21.7	21.9	22.3
	8H	20.3	20.5	20.7	20.9	21.4	21.2	21.4	21.7	21.8	22.3
	12H	20.2	20.4	20.7	20.8	21.3	21.2	21.3	21.6	21.8	22.3
12H	4H	20.3	20.6	20.8	21.0	21.4	21.3	21.5	21.7	21.9	22.4
	6H	20.3	20.5	20.7	20.9	21.4	21.2	21.4	21.7	21.8	22.3
	8H	20.2	20.4	20.7	20.8	21.3	21.1	21.3	21.6	21.8	22.3
Variation of the observer position for the luminaire distances S											
S = 1.0H		+4.3 / -15.4					+4.6 / -14.0				
S = 1.5H		+7.1 / -15.6					+7.4 / -14.4				
S = 2.0H		+9.1 / -15.8					+9.4 / -14.6				
Standard table		BK00					BK00				
Correction Summand		2.6					3.6				
Corrected Glare Indices referring to 23000lm 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-FL190-CW-5000K-70D Lens-with lampshade / Glare Data Sheet

Luminaire: GlacialLight GL-FL190-CW-5000K-70D Lens-with lampshade

Lamps: 1 x Flood 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	20.9	21.6	21.2	21.8	22.0	21.8	22.5	22.1	22.7	22.9
	3H	20.8	21.4	21.1	21.6	21.9	21.7	22.3	22.0	22.6	22.8
	4H	20.7	21.3	21.0	21.6	21.8	21.6	22.2	21.9	22.5	22.7
	6H	20.6	21.2	21.0	21.5	21.7	21.6	22.1	21.9	22.4	22.7
	8H	20.6	21.1	20.9	21.4	21.7	21.5	22.1	21.9	22.3	22.6
4H	12H	20.6	21.1	20.9	21.4	21.7	21.5	22.0	21.8	22.3	22.6
	2H	20.7	21.3	21.0	21.6	21.8	21.6	22.2	21.9	22.5	22.7
	3H	20.6	21.1	20.9	21.4	21.7	21.5	22.0	21.8	22.3	22.6
	4H	20.5	20.9	20.9	21.3	21.6	21.4	21.9	21.8	22.2	22.5
	6H	20.4	20.8	20.8	21.1	21.5	21.4	21.7	21.7	22.1	22.5
8H	8H	20.4	20.7	20.8	21.1	21.5	21.3	21.6	21.7	22.0	22.4
	12H	20.3	20.6	20.8	21.0	21.4	21.3	21.6	21.7	22.0	22.4
	4H	20.4	20.7	20.8	21.1	21.5	21.3	21.6	21.7	22.0	22.4
	6H	20.3	20.5	20.7	21.0	21.4	21.2	21.4	21.7	21.8	22.3
	8H	20.3	20.5	20.7	20.9	21.4	21.2	21.4	21.7	21.8	22.3
12H	12H	20.2	20.4	20.7	20.8	21.3	21.2	21.3	21.6	21.8	22.3
	4H	20.3	20.6	20.8	21.0	21.4	21.3	21.5	21.7	21.9	22.4
	6H	20.3	20.5	20.7	20.9	21.4	21.2	21.4	21.7	21.8	22.3
	8H	20.3	20.5	20.7	20.9	21.4	21.2	21.4	21.7	21.8	22.3
	8H	20.2	20.4	20.7	20.8	21.3	21.1	21.3	21.6	21.8	22.3
Variation of the observer position for the luminaire distances S											
S = 1.0H	+4.3 / -15.4					+4.6 / -14.0					
S = 1.5H	+7.1 / -15.6					+7.4 / -14.4					
S = 2.0H	+9.1 / -15.8					+9.4 / -14.6					
Standard table Correction Summand	BK00					BK00					
	2.6					3.6					
Corrected Glare Indices referring to 23000lm Total Luminous Flux											

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

