

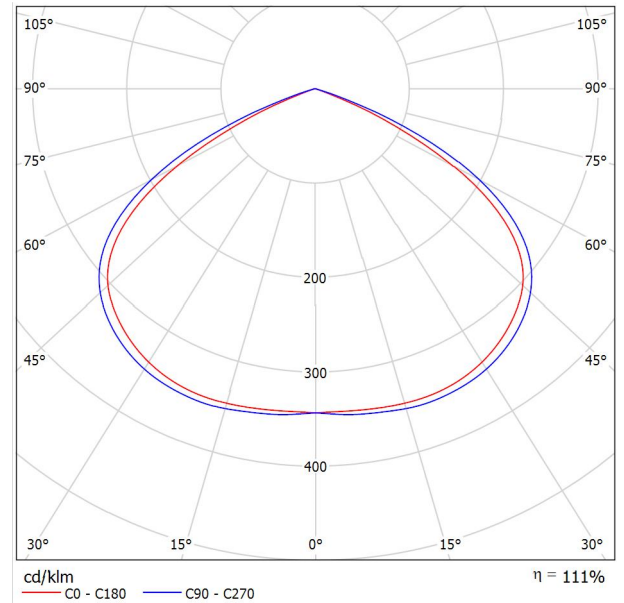
GlacialTech Inc.  
 http://www.glaciallight.com  
 7F, No.352, Sec. 2, Zhongshan Rd., Zhonghe Dist., New Taipei  
 City, Taiwan, 235, R.O.C.

Operator GlacialLight R&D Department  
 Telephone +886 2 2244-1227  
 Fax +886 2 2244-1228  
 e-Mail sales@GlacialLight.com

## GlacialLight GL-FL190-WW-3000K-120D 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: 48 88 100 100 111

### Luminous emittance 1:

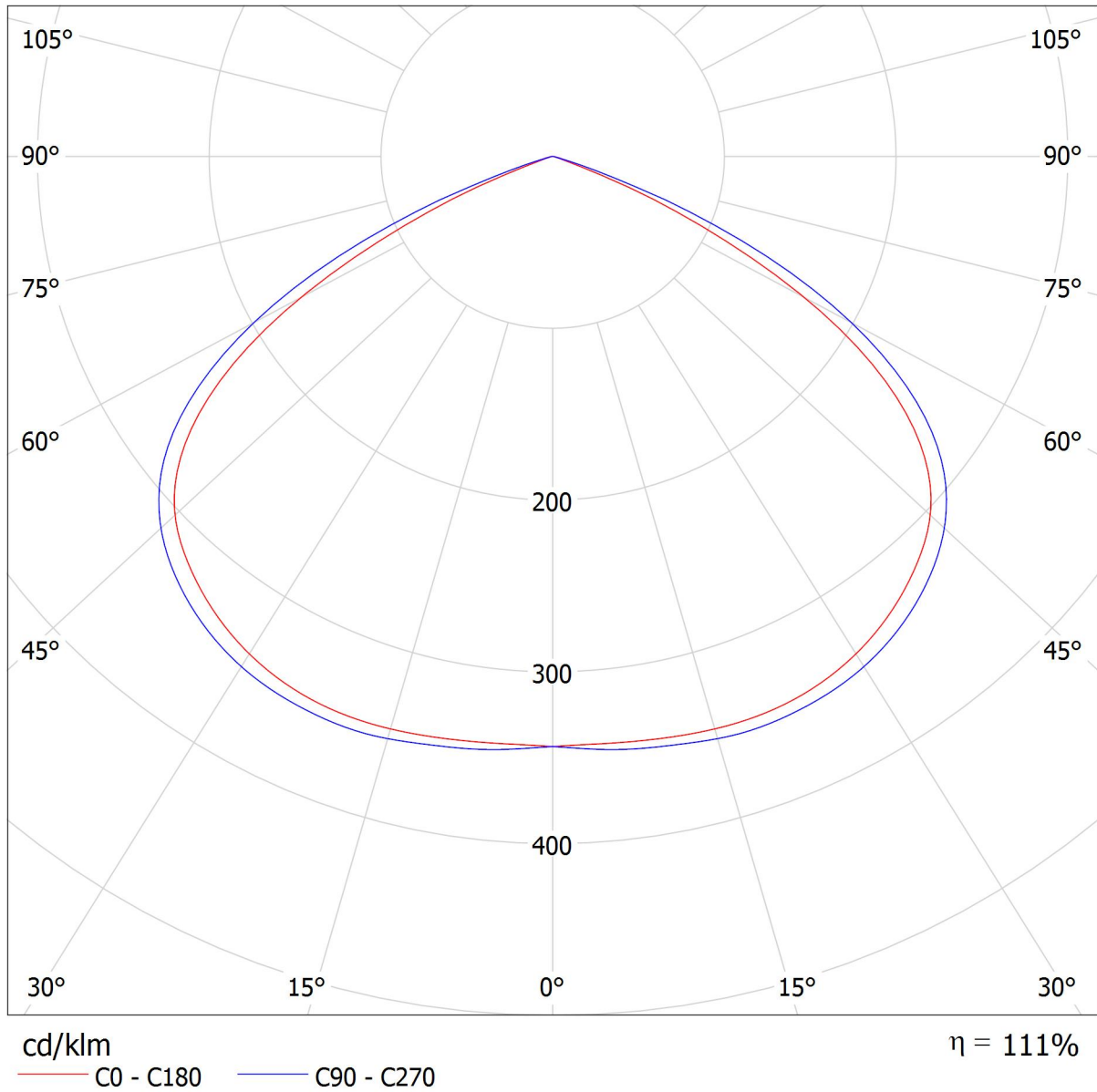
Glare Evaluation According to UGR											
ρ Ceiling	70	70	50	50	30	70	70	50	50	30	
ρ Walls	50	30	50	30	30	50	30	50	30	30	
ρ Floor	20	20	20	20	20	20	20	20	20	20	
Room Size X Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis					
2H	2H	26.2	27.4	26.4	27.7	27.9	27.1	28.4	27.4	28.6	28.9
	3H	26.3	27.4	26.6	27.7	27.9	27.5	28.6	27.8	28.9	29.2
	4H	26.2	27.2	26.5	27.5	27.8	27.4	28.5	27.8	28.8	29.1
	6H	26.1	27.1	26.5	27.4	27.7	27.4	28.3	27.7	28.6	28.9
	8H	26.1	27.0	26.4	27.3	27.6	27.3	28.3	27.7	28.6	28.9
12H	26.0	26.9	26.4	27.2	27.6	27.3	28.2	27.7	28.5	28.8	
4H	2H	26.5	27.6	26.9	27.9	28.1	27.3	28.4	27.7	28.7	29.0
	3H	26.6	27.5	27.0	27.8	28.2	27.7	28.6	28.1	28.9	29.3
	4H	26.6	27.4	27.0	27.7	28.1	27.7	28.5	28.1	28.8	29.2
	6H	26.5	27.2	26.9	27.6	27.9	27.6	28.3	28.0	28.7	29.1
	8H	26.5	27.1	26.9	27.5	27.9	27.6	28.2	28.0	28.6	29.0
12H	26.4	27.0	26.9	27.4	27.8	27.6	28.1	28.0	28.5	28.9	
8H	4H	26.5	27.1	26.9	27.5	27.9	27.6	28.2	28.0	28.6	29.0
	6H	26.4	26.9	26.9	27.3	27.8	27.5	28.0	28.0	28.4	28.9
	8H	26.4	26.8	26.9	27.3	27.7	27.5	27.9	28.0	28.4	28.8
	12H	26.3	26.7	26.8	27.2	27.7	27.4	27.8	27.9	28.3	28.8
	12H	26.5	27.0	26.9	27.4	27.9	27.6	28.1	28.0	28.5	29.0
12H	6H	26.4	26.8	26.9	27.3	27.7	27.5	27.9	28.0	28.4	28.8
	8H	26.3	26.7	26.8	27.2	27.7	27.4	27.8	27.9	28.3	28.8
	8H	26.3	26.7	26.8	27.2	27.7	27.4	27.8	27.9	28.3	28.8
Variation of the observer position for the luminaire distances S											
S = 1.0H	+0.2 / -0.4					+0.1 / -0.2					
S = 1.5H	+1.0 / -2.1					+0.7 / -1.1					
S = 2.0H	+2.2 / -6.8					+2.1 / -4.7					
Standard table	BK01					BK01					
Correction Summand	9.0					10.1					
Corrected Glare Indices referring to 21400lm Total Luminous Flux											

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### GlacialLight GL-FL190-WW-3000K-120D Lens-with lampshade / LDC (Polar)

Luminaire: GlacialLight GL-FL190-WW-3000K-120D Lens-with lampshade  
Lamps: 1 x Flood Light

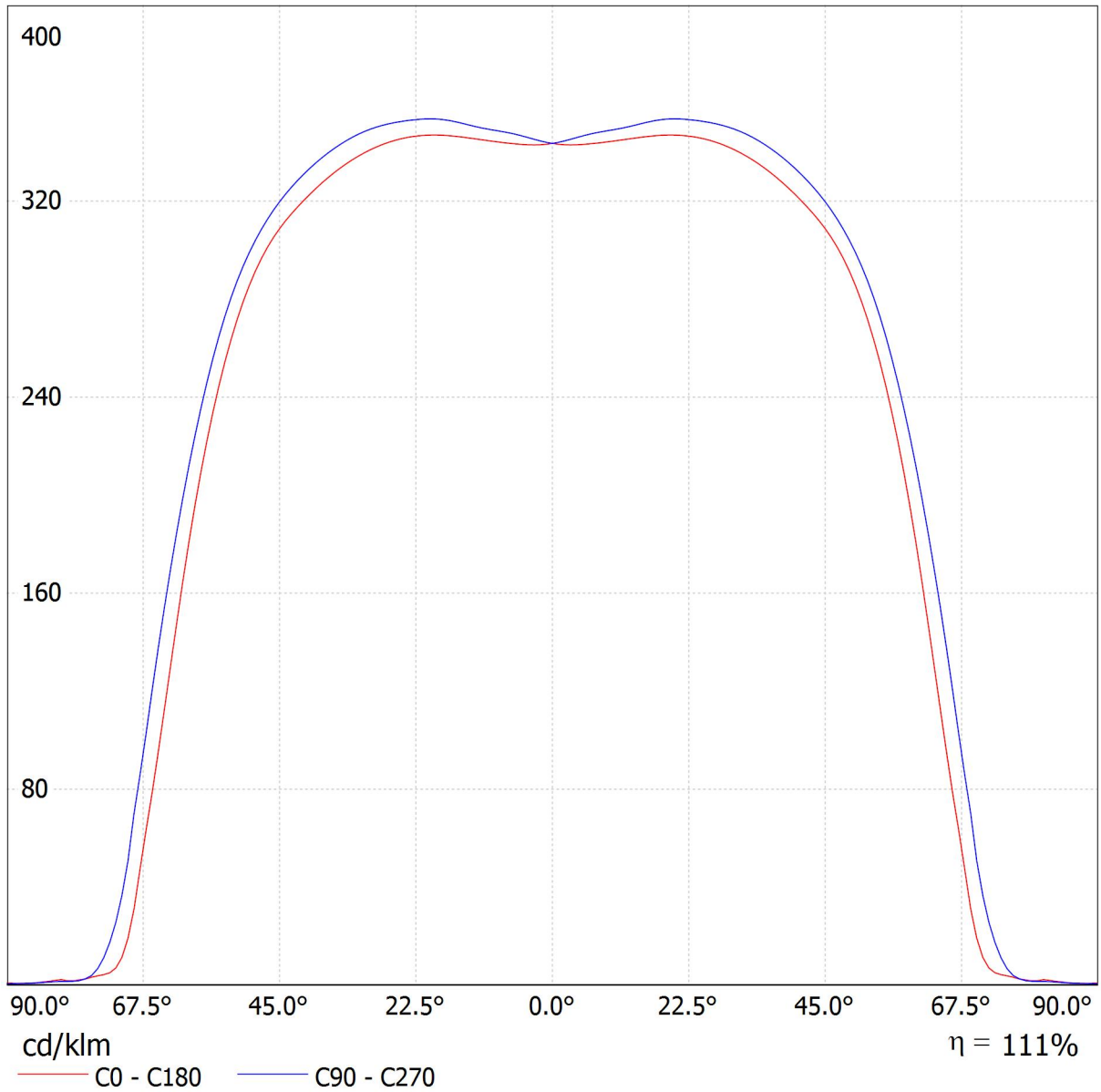


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e-Mail [sales@GlacialLight.com](mailto:sales@GlacialLight.com)

### GlacialLight GL-FL190-WW-3000K-120D Lens-with lampshade / LDC (Linear)

Luminaire: GlacialLight GL-FL190-WW-3000K-120D Lens-with lampshade  
Lamps: 1 x Flood Light



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## GlacialLight GL-FL190-WW-3000K-120D Lens-with lampshade / UGR-Table

Luminaire: GlacialLight GL-FL190-WW-3000K-120D 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 X      Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis					
2H	2H	2H	26.2	27.4	26.4	27.7	27.9	27.1	28.4	27.4	28.6	28.9
		3H	26.3	27.4	26.6	27.7	27.9	27.5	28.6	27.8	28.9	29.2
		4H	26.2	27.2	26.5	27.5	27.8	27.4	28.5	27.8	28.8	29.1
		6H	26.1	27.1	26.5	27.4	27.7	27.4	28.3	27.7	28.6	28.9
		8H	26.1	27.0	26.4	27.3	27.6	27.3	28.3	27.7	28.6	28.9
		12H	26.0	26.9	26.4	27.2	27.6	27.3	28.2	27.7	28.5	28.8
4H	2H	2H	26.5	27.6	26.9	27.9	28.1	27.3	28.4	27.7	28.7	29.0
		3H	26.6	27.5	27.0	27.8	28.2	27.7	28.6	28.1	28.9	29.3
		4H	26.6	27.4	27.0	27.7	28.1	27.7	28.5	28.1	28.8	29.2
		6H	26.5	27.2	26.9	27.6	27.9	27.6	28.3	28.0	28.7	29.1
		8H	26.5	27.1	26.9	27.5	27.9	27.6	28.2	28.0	28.6	29.0
		12H	26.4	27.0	26.9	27.4	27.8	27.6	28.1	28.0	28.5	28.9
8H	4H	4H	26.5	27.1	26.9	27.5	27.9	27.6	28.2	28.0	28.6	29.0
		6H	26.4	26.9	26.9	27.3	27.8	27.5	28.0	28.0	28.4	28.9
		8H	26.4	26.8	26.9	27.3	27.7	27.5	27.9	28.0	28.4	28.8
		12H	26.3	26.7	26.8	27.2	27.7	27.4	27.8	27.9	28.3	28.8
12H	4H	4H	26.5	27.0	26.9	27.4	27.9	27.6	28.1	28.0	28.5	29.0
		6H	26.4	26.8	26.9	27.3	27.7	27.5	27.9	28.0	28.4	28.8
		8H	26.3	26.7	26.8	27.2	27.7	27.4	27.8	27.9	28.3	28.8
Variation of the observer position for the luminaire distances S												
S = 1.0H		+0.2 / -0.4					+0.1 / -0.2					
S = 1.5H		+1.0 / -2.1					+0.7 / -1.1					
S = 2.0H		+2.2 / -6.8					+2.1 / -4.7					
Standard table		BK01					BK01					
Correction Summand		9.0					10.1					
Corrected Glare Indices referring to 21400lm 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-WW-3000K-120D Lens-with lampshade / Glare Data Sheet

Luminaire: GlacialLight GL-FL190-  
 WW-3000K-120D 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	26.2	27.4	26.4	27.7	27.9	27.1	28.4	27.4	28.6	28.9
	3H	26.3	27.4	26.6	27.7	27.9	27.5	28.6	27.8	28.9	29.2
	4H	26.2	27.2	26.5	27.5	27.8	27.4	28.5	27.8	28.8	29.1
	6H	26.1	27.1	26.5	27.4	27.7	27.4	28.3	27.7	28.6	28.9
	8H	26.1	27.0	26.4	27.3	27.6	27.3	28.3	27.7	28.6	28.9
12H	26.0	26.9	26.4	27.2	27.6	27.3	28.2	27.7	28.5	28.8	
4H	2H	26.5	27.6	26.9	27.9	28.1	27.3	28.4	27.7	28.7	29.0
	3H	26.6	27.5	27.0	27.8	28.2	27.7	28.6	28.1	28.9	29.3
	4H	26.6	27.4	27.0	27.7	28.1	27.7	28.5	28.1	28.8	29.2
	6H	26.5	27.2	26.9	27.6	27.9	27.6	28.3	28.0	28.7	29.1
	8H	26.5	27.1	26.9	27.5	27.9	27.6	28.2	28.0	28.6	29.0
12H	26.4	27.0	26.9	27.4	27.8	27.6	28.1	28.0	28.5	28.9	
8H	4H	26.5	27.1	26.9	27.5	27.9	27.6	28.2	28.0	28.6	29.0
	6H	26.4	26.9	26.9	27.3	27.8	27.5	28.0	28.0	28.4	28.9
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	8H	26.3	26.7	26.8	27.2	27.7	27.4	27.8	27.9	28.3	28.8
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S = 1.0H	+0.2 / -0.4					+0.1 / -0.2					
S = 1.5H	+1.0 / -2.1					+0.7 / -1.1					
S = 2.0H	+2.2 / -6.8					+2.1 / -4.7					
Standard table	BK01					BK01					
Correction Summand	9.0					10.1					
Corrected Glare Indices referring to 21400lm Total Luminous Flux											

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