

<http://www.glaciallight.com>

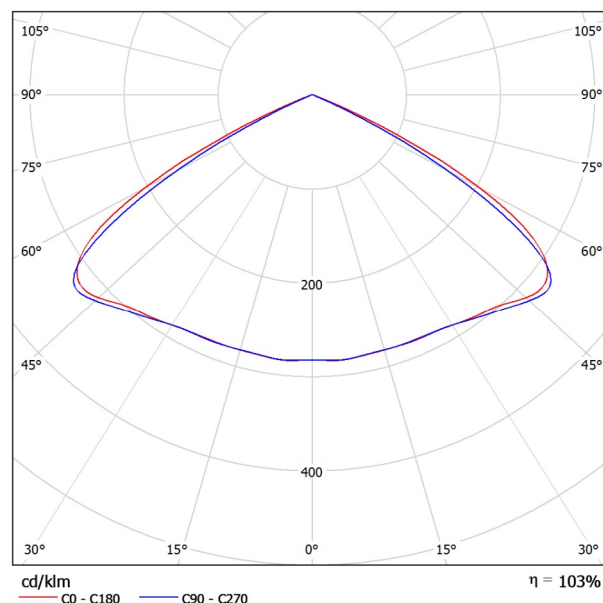
7F, No.352, Sec. 2, Zhongshan Rd., Zhonghe Dist., New Taipei City,  
Taiwan, 235, R.O.C.

Operator  
Telephone +886 2 2244-1227  
Fax +886 2 2244-1241  
e-Mail [sales@GlacialLight.com](mailto:sales@GlacialLight.com)

## GlacialLight GL-FL55-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: 44 90 100 100 103

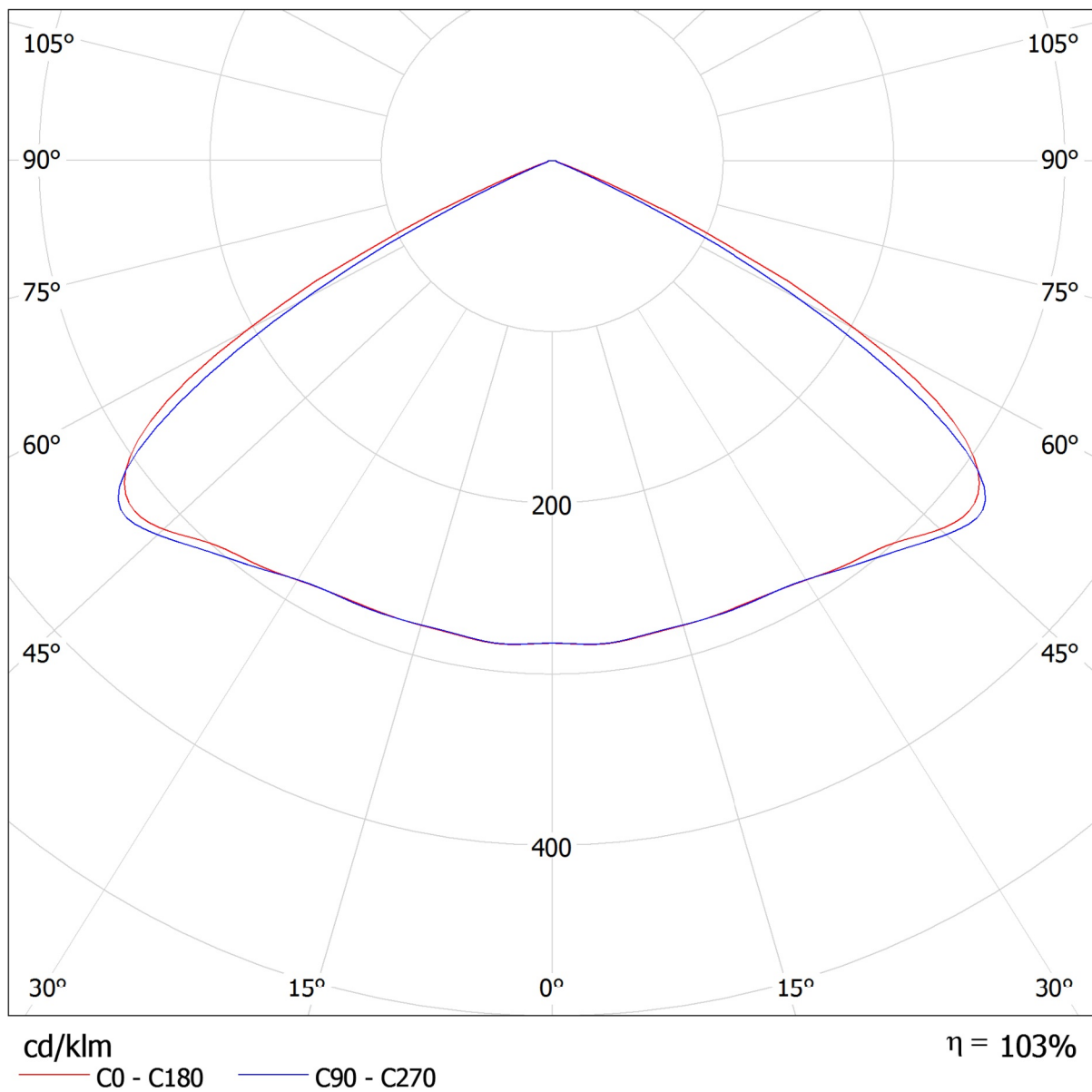
Luminous emittance 1:

Glare Evaluation According to UGR												
$\rho$ Ceiling	70	70	50	50	30	70	70	50	50	30	70	70
$\rho$ Walls	50	30	50	30	30	50	30	50	30	30	50	30
$\rho$ Floor	20	20	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	24.9	26.3	25.2	26.5	26.8	24.1	25.4	24.4	25.6	25.9	
	3H	25.0	26.2	25.3	26.4	26.7	24.0	25.2	24.3	25.4	25.7	
	4H	24.9	26.0	25.2	26.3	26.6	23.9	25.0	24.2	25.3	25.6	
	6H	24.8	25.8	25.2	26.1	26.4	23.8	24.8	24.2	25.1	25.4	
	8H	24.8	25.8	25.2	26.1	26.4	23.8	24.8	24.2	25.1	25.4	
	12H	24.8	25.7	25.1	26.0	26.3	23.8	24.7	24.1	25.0	25.3	
4H	2H	25.2	26.3	25.5	26.5	26.8	24.4	25.5	24.7	25.8	26.1	
	3H	25.2	26.1	25.6	26.4	26.8	24.3	25.2	24.7	25.6	25.9	
	4H	25.1	25.9	25.5	26.3	26.6	24.3	25.1	24.6	25.4	25.8	
	6H	25.1	25.8	25.5	26.1	26.5	24.2	24.9	24.6	25.3	25.6	
	8H	25.0	25.7	25.5	26.1	26.5	24.2	24.8	24.6	25.2	25.6	
	12H	25.0	25.6	25.4	26.0	26.4	24.1	24.7	24.6	25.1	25.5	
8H	4H	25.0	25.7	25.5	26.1	26.5	24.2	24.8	24.6	25.2	25.6	
	6H	25.0	25.5	25.4	25.9	26.4	24.1	24.6	24.5	25.0	25.5	
	8H	24.9	25.4	25.4	25.8	26.3	24.1	24.5	24.5	25.0	25.4	
	12H	24.9	25.3	25.4	25.8	26.3	24.0	24.4	24.5	24.9	25.4	
	4H	25.0	25.6	25.4	26.0	26.4	24.1	24.7	24.6	25.1	25.5	
	6H	24.9	25.4	25.4	25.8	26.3	24.0	24.5	24.5	25.0	25.4	
12H	8H	24.9	25.3	25.4	25.8	26.3	24.0	24.4	24.5	24.9	25.4	
	12H	24.9	25.3	25.4	25.8	26.3	24.0	24.4	24.5	24.9	25.4	
Variation of the observer position for the luminaire distances S												
S = 1.0H		+0.2 / -0.3					+0.4 / -0.5					
S = 1.5H		+1.5 / -2.0					+1.7 / -3.3					
S = 2.0H		+3.0 / -9.7					+3.1 / -13.4					
Standard table		BK01					BK01					
Correction		7.4					6.5					
Summand												
Corrected Glare Indices referring to 5900lm Total Luminous Flux												

<http://www.glaciallight.com>7F, No.352, Sec. 2, Zhongshan Rd., Zhonghe Dist., New Taipei City,  
Taiwan, 235, R.O.C.Operator  
Telephone +886 2 2244-1227  
Fax +886 2 2244-1241  
e-Mail [sales@GlacialLight.com](mailto:sales@GlacialLight.com)**GlacialLight GL-FL55-WW-3000K-120D Lens-with lampshade / LDC (Polar)**

Luminaire: GlacialLight GL-FL55-WW-3000K-120D Lens-with lampshade

Lamps: 1 x Bay Light



<http://www.glaciallight.com>

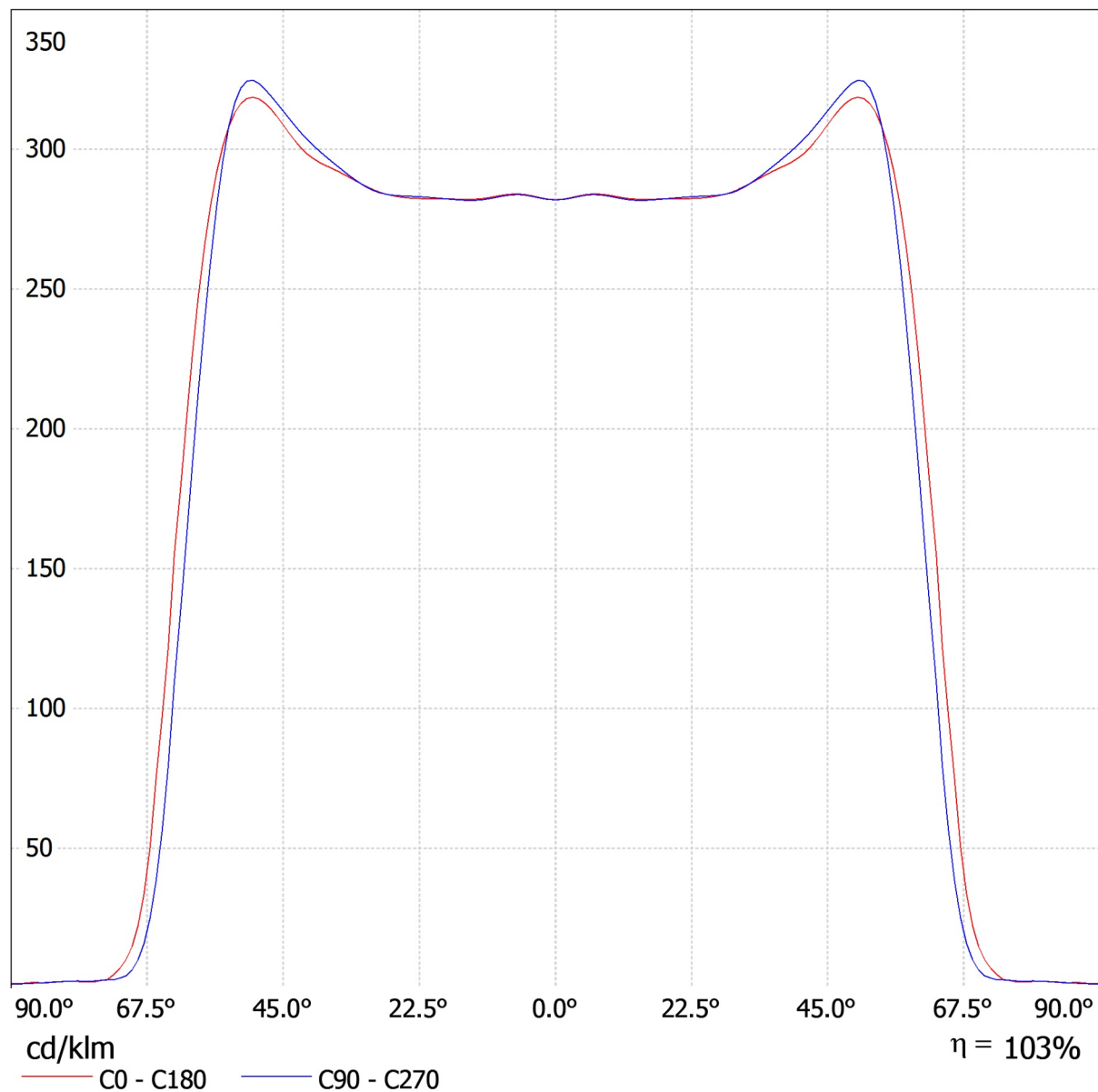
7F, No.352, Sec. 2, Zhongshan Rd., Zhonghe Dist., New Taipei City,  
Taiwan, 235, R.O.C.

Operator  
Telephone +886 2 2244-1227  
Fax +886 2 2244-1241  
e-Mail [sales@GlacialLight.com](mailto:sales@GlacialLight.com)

## GlacialLight GL-FL55-WW-3000K-120D Lens-with lampshade / LDC (Linear)

Luminaire: GlacialLight GL-FL55-WW-3000K-120D Lens-with lampshade

Lamps: 1 x Bay Light



<http://www.glaciallight.com>

 7F, No.352, Sec. 2, Zhongshan Rd., Zhonghe Dist., New Taipei City,  
Taiwan, 235, R.O.C.

 Operator  
Telephone +886 2 2244-1227  
Fax +886 2 2244-1241  
e-Mail [sales@GlacialLight.com](mailto:sales@GlacialLight.com)

## GlacialLight GL-FL55-WW-3000K-120D Lens-with lampshade / UGR-Table

Luminaire: GlacialLight GL-FL55-WW-3000K-120D Lens-with lampshade

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	24.9	26.3	25.2	26.5	26.8	24.1	25.4	24.4	25.6	25.9
	3H	25.0	26.2	25.3	26.4	26.7	24.0	25.2	24.3	25.4	25.7
	4H	24.9	26.0	25.2	26.3	26.6	23.9	25.0	24.2	25.3	25.6
	6H	24.8	25.8	25.2	26.1	26.4	23.8	24.8	24.2	25.1	25.4
	8H	24.8	25.8	25.2	26.1	26.4	23.8	24.8	24.2	25.1	25.4
	12H	24.8	25.7	25.1	26.0	26.3	23.8	24.7	24.1	25.0	25.3
4H	2H	25.2	26.3	25.5	26.5	26.8	24.4	25.5	24.7	25.8	26.1
	3H	25.2	26.1	25.6	26.4	26.8	24.3	25.2	24.7	25.6	25.9
	4H	25.1	25.9	25.5	26.3	26.6	24.3	25.1	24.6	25.4	25.8
	6H	25.1	25.8	25.5	26.1	26.5	24.2	24.9	24.6	25.3	25.6
	8H	25.0	25.7	25.5	26.1	26.5	24.2	24.8	24.6	25.2	25.6
	12H	25.0	25.6	25.4	26.0	26.4	24.1	24.7	24.6	25.1	25.5
8H	4H	25.0	25.7	25.5	26.1	26.5	24.2	24.8	24.6	25.2	25.6
	6H	25.0	25.5	25.4	25.9	26.4	24.1	24.6	24.5	25.0	25.5
	8H	24.9	25.4	25.4	25.8	26.3	24.1	24.5	24.5	25.0	25.4
	12H	24.9	25.3	25.4	25.8	26.3	24.0	24.4	24.5	24.9	25.4
12H	4H	25.0	25.6	25.4	26.0	26.4	24.1	24.7	24.6	25.1	25.5
	6H	24.9	25.4	25.4	25.8	26.3	24.0	24.5	24.5	25.0	25.4
	8H	24.9	25.3	25.4	25.8	26.3	24.0	24.4	24.5	24.9	25.4
Variation of the observer position for the luminaire distances S											
S = 1.0H		+0.2 / -0.3					+0.4 / -0.5				
S = 1.5H		+1.5 / -2.0					+1.7 / -3.3				
S = 2.0H		+3.0 / -9.7					+3.1 / -13.4				
Standard table		BK01					BK01				
Correction Summand		7.4					6.5				
Corrected Glare Indices referring to 5900lm Total Luminous Flux											

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

<http://www.glaciallight.com>

 7F, No.352, Sec. 2, Zhongshan Rd., Zhonghe Dist., New Taipei City,  
Taiwan, 235, R.O.C.

 Operator  
Telephone +886 2 2244-1227  
Fax +886 2 2244-1241  
e-Mail sales@GlacialLight.com

## GlacialLight GL-FL55-WW-3000K-120D Lens-with lampshade / Glare Data Sheet

 Luminaire: GlacialLight GL-FL55-  
WW-3000K-120D Lens-with  
lampshade

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	24.9	26.3	25.2	26.5	26.8	24.1	25.4	24.4	25.6	25.9		
	3H	25.0	26.2	25.3	26.4	26.7	24.0	25.2	24.3	25.4	25.7		
	4H	24.9	26.0	25.2	26.3	26.6	23.9	25.0	24.2	25.3	25.6		
	6H	24.8	25.8	25.2	26.1	26.4	23.8	24.8	24.2	25.1	25.4		
	8H	24.8	25.8	25.2	26.1	26.4	23.8	24.8	24.2	25.1	25.4		
12H	12H	24.8	25.7	25.1	26.0	26.3	23.8	24.7	24.1	25.0	25.3		
	4H	2H	25.2	26.3	25.5	26.5	26.8	24.4	25.5	24.7	25.8	26.1	
		3H	25.2	26.1	25.6	26.4	26.8	24.3	25.2	24.7	25.6	25.9	
		4H	25.1	25.9	25.5	26.3	26.6	24.3	25.1	24.6	25.4	25.8	
		6H	25.1	25.8	25.5	26.1	26.5	24.2	24.9	24.6	25.3	25.6	
8H		25.0	25.7	25.5	26.1	26.5	24.2	24.8	24.6	25.2	25.6		
12H	12H	25.0	25.6	25.4	26.0	26.4	24.1	24.7	24.6	25.1	25.5		
	8H	4H	25.0	25.7	25.5	26.1	26.5	24.2	24.8	24.6	25.2	25.6	
		6H	25.0	25.5	25.4	25.9	26.4	24.1	24.6	24.5	25.0	25.5	
		8H	24.9	25.4	25.4	25.8	26.3	24.1	24.5	24.5	25.0	25.4	
		12H	24.9	25.3	25.4	25.8	26.3	24.0	24.4	24.5	24.9	25.4	
12H	4H	25.0	25.6	25.4	26.0	26.4	24.1	24.7	24.6	25.1	25.5		
	6H	24.9	25.4	25.4	25.8	26.3	24.0	24.5	24.5	25.0	25.4		
	8H	24.9	25.3	25.4	25.8	26.3	24.0	24.4	24.5	24.9	25.4		
	12H	24.9	25.3	25.4	25.8	26.3	24.0	24.4	24.5	24.9	25.4		
Variation of the observer position for the luminaire distances S													
S = 1.0H S = 1.5H S = 2.0H		+0.2 / -0.3 +1.5 / -2.0 +3.0 / -9.7					+0.4 / -0.5 +1.7 / -3.3 +3.1 / -13.4						
Standard table		BK01					BK01						
Correction Summand		7.4					6.5						
Corrected Glare Indices referring to 5900lm Total Luminous Flux													

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

