

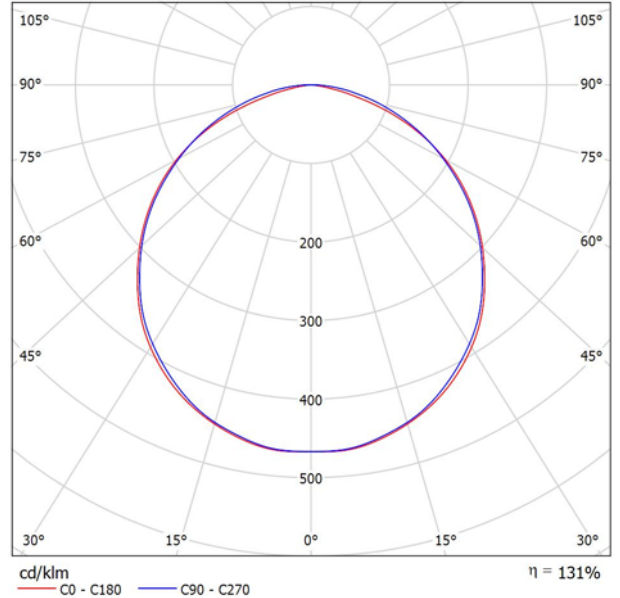
GlacialTech Inc.  
 http://www.glaciallight.com  
 7F, No.352, Sec. 2, Zhongshan Rd., Zhonghe Dist., New Taipei  
 City, Taiwan, 235, R.O.C.

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

## GlacialLight GL-DL04-WW-3000K-110D-CRI Min.90 / 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 80 96 100 131

Luminous emittance 1:

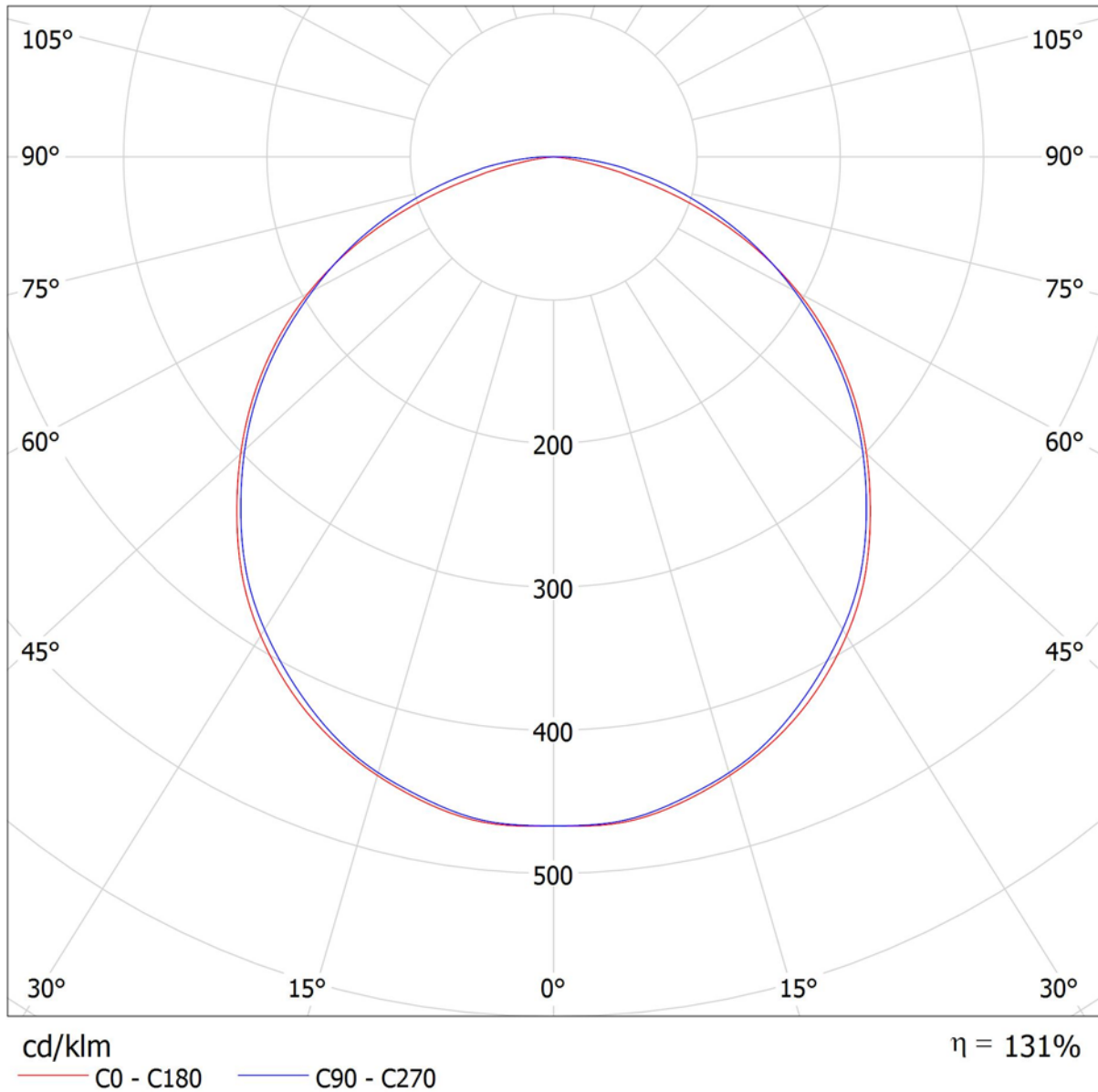
Glare Evaluation According to UGR											
ρ Ceiling	70	70	50	50	30	70	70	50	50	30	
ρ Walls	50	30	50	30	30	50	30	50	30	30	
ρ Floor	20	20	20	20	20	20	20	20	20	20	
Room Size X Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis					
2H	2H	21.8	23.1	22.1	23.4	23.6	21.7	23.1	22.0	23.3	23.5
	3H	23.0	24.2	23.4	24.5	24.8	23.1	24.3	23.5	24.6	24.9
	4H	23.3	24.5	23.7	24.7	25.0	23.7	24.8	24.0	25.1	25.4
	6H	23.4	24.5	23.8	24.8	25.1	24.0	25.1	24.4	25.4	25.7
	8H	23.4	24.4	23.8	24.7	25.0	24.1	25.1	24.5	25.4	25.8
4H	2H	22.4	23.6	22.8	23.8	24.1	22.4	23.5	22.7	23.8	24.1
	3H	23.8	24.8	24.2	25.1	25.4	24.0	24.9	24.3	25.2	25.6
	4H	24.2	25.1	24.6	25.4	25.8	24.6	25.5	25.0	25.8	26.2
	6H	24.4	25.1	24.8	25.5	25.9	25.1	25.8	25.5	26.2	26.6
	8H	24.4	25.0	24.8	25.4	25.8	25.2	25.9	25.7	26.3	26.7
8H	2H	23.4	24.3	23.7	24.6	25.0	24.2	25.1	24.6	25.5	25.8
	4H	24.5	25.1	24.9	25.5	25.9	24.8	25.5	25.3	25.9	26.3
	6H	24.7	25.2	25.1	25.7	26.1	25.4	26.0	25.9	26.4	26.8
	8H	24.7	25.2	25.2	25.6	26.1	25.6	26.1	26.1	26.6	27.1
	12H	24.7	25.1	25.2	25.6	26.1	25.8	26.2	26.3	26.7	27.2
12H	4H	24.5	25.1	24.9	25.5	25.9	24.8	25.4	25.3	25.8	26.3
	6H	24.7	25.2	25.2	25.7	26.1	25.4	25.9	25.9	26.4	26.8
	8H	24.8	25.2	25.3	25.6	26.1	25.7	26.1	26.2	26.6	27.1
Variation of the observer position for the luminaire distances S											
S = 1.0H	+0.1 / -0.2					+0.1 / -0.1					
S = 1.5H	+0.3 / -0.5					+0.3 / -0.4					
S = 2.0H	+0.6 / -1.0					+0.5 / -0.8					
Standard table	BK04					BK05					
Correction Summand	8.2					9.2					
Corrected Glare Indices referring to 410lm Total Luminous Flux											

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### GlacialLight GL-DL04-WW-3000K-110D-CRI Min.90 / LDC (Polar)

Luminaire: GlacialLight GL-DL04-WW-3000K-110D-CRI Min.90  
Lamps: 1 x GL-DL04-WW-3000K-110D-CRI Min. 90

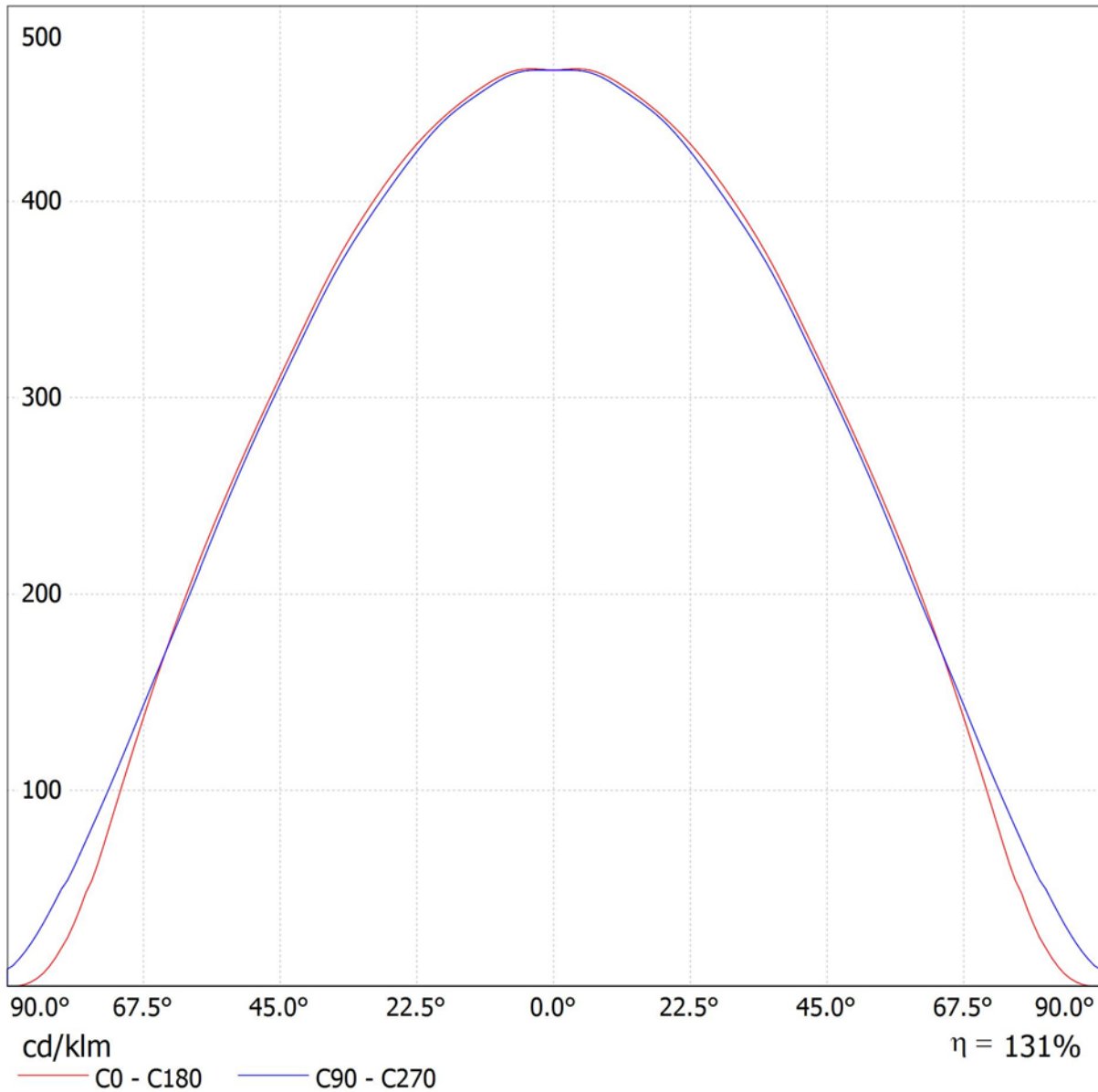


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e-Mail [sales@GlacialLight.com](mailto:sales@GlacialLight.com)

### GlacialLight GL-DL04-WW-3000K-110D-CRI Min.90 / LDC (Linear)

Luminaire: GlacialLight GL-DL04-WW-3000K-110D-CRI Min.90  
Lamps: 1 x GL-DL04-WW-3000K-110D-CRI Min. 90



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### GlacialLight GL-DL04-WW-3000K-110D-CRI Min.90 / UGR-Table

Luminaire: GlacialLight GL-DL04-WW-3000K-110D-CRI Min.90  
 Lamps: 1 x GL-DL04-WW-3000K-110D-CRI Min. 90

<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	21.8	23.1	22.1	23.4	23.6	21.7	23.1	22.0	23.3	23.5
	3H	23.0	24.2	23.4	24.5	24.8	23.1	24.3	23.5	24.6	24.9
	4H	23.3	24.5	23.7	24.7	25.0	23.7	24.8	24.0	25.1	25.4
	6H	23.4	24.5	23.8	24.8	25.1	24.0	25.1	24.4	25.4	25.7
	8H	23.4	24.4	23.8	24.7	25.0	24.1	25.1	24.5	25.4	25.8
	12H	23.4	24.3	23.7	24.6	25.0	24.2	25.1	24.6	25.5	25.8
4H	2H	22.4	23.6	22.8	23.8	24.1	22.4	23.5	22.7	23.8	24.1
	3H	23.8	24.8	24.2	25.1	25.4	24.0	24.9	24.3	25.2	25.6
	4H	24.2	25.1	24.6	25.4	25.8	24.6	25.5	25.0	25.8	26.2
	6H	24.4	25.1	24.8	25.5	25.9	25.1	25.8	25.5	26.2	26.6
	8H	24.4	25.0	24.8	25.4	25.8	25.2	25.9	25.7	26.3	26.7
	12H	24.3	24.9	24.8	25.4	25.8	25.3	25.9	25.8	26.4	26.8
8H	4H	24.5	25.1	24.9	25.5	25.9	24.8	25.5	25.3	25.9	26.3
	6H	24.7	25.2	25.1	25.7	26.1	25.4	26.0	25.9	26.4	26.8
	8H	24.7	25.2	25.2	25.6	26.1	25.6	26.1	26.1	26.6	27.1
	12H	24.7	25.1	25.2	25.6	26.1	25.8	26.2	26.3	26.7	27.2
12H	4H	24.5	25.1	24.9	25.5	25.9	24.8	25.4	25.3	25.8	26.3
	6H	24.7	25.2	25.2	25.7	26.1	25.4	25.9	25.9	26.4	26.8
	8H	24.8	25.2	25.3	25.6	26.1	25.7	26.1	26.2	26.6	27.1
Variation of the observer position for the luminaire distances S											
S = 1.0H	+0.1 / -0.2					+0.1 / -0.1					
S = 1.5H	+0.3 / -0.5					+0.3 / -0.4					
S = 2.0H	+0.6 / -1.0					+0.5 / -0.8					
Standard table	BK04					BK05					
Correction Summand	8.2					9.2					
Corrected Glare Indices referring to 410lm 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-DL04-WW-3000K-110D-CRI Min.90 / Glare Data Sheet

Luminaire: GlacialLight GL-DL04-WW-3000K-110D-CRI Min.90

Lamps: 1 x GL-DL04-WW-3000K-110D-CRI Min. 90

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	21.8	23.1	22.1	23.4	23.6	21.7	23.1	22.0	23.3	23.5
	3H	23.0	24.2	23.4	24.5	24.8	23.1	24.3	23.5	24.6	24.9
	4H	23.3	24.5	23.7	24.7	25.0	23.7	24.8	24.0	25.1	25.4
	6H	23.4	24.5	23.8	24.8	25.1	24.0	25.1	24.4	25.4	25.7
	8H	23.4	24.4	23.8	24.7	25.0	24.1	25.1	24.5	25.4	25.8
4H	12H	23.4	24.3	23.7	24.6	25.0	24.2	25.1	24.6	25.5	25.8
	2H	22.4	23.6	22.8	23.8	24.1	22.4	23.5	22.7	23.8	24.1
	3H	23.8	24.8	24.2	25.1	25.4	24.0	24.9	24.3	25.2	25.6
	4H	24.2	25.1	24.6	25.4	25.8	24.6	25.5	25.0	25.8	26.2
	6H	24.4	25.1	24.8	25.5	25.9	25.1	25.8	25.5	26.2	26.6
8H	8H	24.4	25.0	24.8	25.4	25.8	25.2	25.9	25.7	26.3	26.7
	12H	24.3	24.9	24.8	25.4	25.8	25.3	25.9	25.8	26.4	26.8
	4H	24.5	25.1	24.9	25.5	25.9	24.8	25.5	25.3	25.9	26.3
	6H	24.7	25.2	25.1	25.7	26.1	25.4	26.0	25.9	26.4	26.8
	8H	24.7	25.2	25.2	25.6	26.1	25.6	26.1	26.1	26.6	27.1
12H	12H	24.7	25.1	25.2	25.6	26.1	25.8	26.2	26.3	26.7	27.2
	4H	24.5	25.1	24.9	25.5	25.9	24.8	25.4	25.3	25.8	26.3
	6H	24.7	25.2	25.2	25.7	26.1	25.4	25.9	25.9	26.4	26.8
8H	24.8	25.2	25.3	25.6	26.1	25.7	26.1	26.2	26.6	27.1	

Variation of the observer position for the luminaire distances S		
S = 1.0H	+0.1 / -0.2	+0.1 / -0.1
S = 1.5H	+0.3 / -0.5	+0.3 / -0.4
S = 2.0H	+0.6 / -1.0	+0.5 / -0.8
Standard table	BK04	BK05
Correction Summand	8.2	9.2

Corrected Glare Indices referring to 410lm Total Luminous Flux

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

