

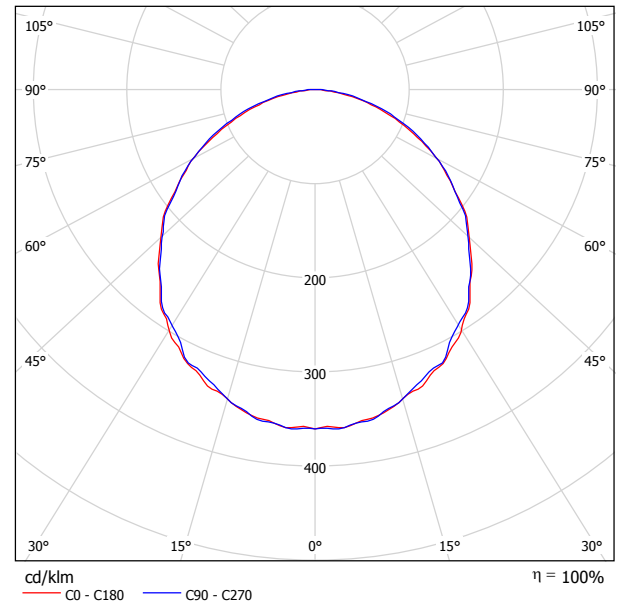


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## GLACIALTECH, INC. DL08-SM-CW-5700K-110D / Luminaire Data Sheet

### Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100  
CIE flux code: 48 80 96 100 100

### 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	19.4	20.7	19.7	20.9	21.2	19.5	20.8	19.8	21.0
	3H	20.7	21.9	21.0	22.1	22.4	20.8	22.0	21.1	22.3
	4H	21.1	22.2	21.5	22.5	22.8	21.3	22.4	21.6	22.7
	6H	21.4	22.4	21.7	22.7	23.0	21.6	22.7	22.0	23.0
	8H	21.4	22.4	21.8	22.7	23.0	21.7	22.7	22.1	23.0
4H	12H	21.4	22.4	21.8	22.7	23.0	21.7	22.7	22.1	23.0
	2H	20.0	21.1	20.3	21.4	21.7	20.1	21.2	20.4	21.5
	3H	21.4	22.4	21.8	22.7	23.1	21.6	22.6	22.0	22.9
	4H	22.0	22.8	22.4	23.2	23.6	22.2	23.1	22.6	23.4
	6H	22.3	23.1	22.7	23.4	23.8	22.6	23.4	23.0	23.7
8H	8H	22.4	23.1	22.8	23.5	23.9	22.7	23.4	23.2	23.8
	12H	22.4	23.0	22.9	23.4	23.9	22.8	23.4	23.2	23.8
	4H	22.2	22.9	22.7	23.3	23.7	22.4	23.1	22.8	23.5
	6H	22.6	23.2	23.1	23.6	24.1	22.9	23.5	23.4	23.9
	8H	22.7	23.2	23.2	23.7	24.2	23.1	23.6	23.6	24.0
12H	12H	22.8	23.2	23.3	23.7	24.2	23.2	23.6	23.7	24.1
	4H	22.2	22.8	22.7	23.3	23.7	22.4	23.0	22.9	23.4
	6H	22.7	23.2	23.1	23.6	24.1	23.0	23.4	23.4	23.9
	8H	22.8	23.2	23.3	23.7	24.2	23.1	23.5	23.6	24.0
Variation of the observer position for the luminaire distances S										
S = 1.0H		+0.1 / -0.1					+0.1 / -0.2			
S = 1.5H		+0.3 / -0.5					+0.2 / -0.4			
S = 2.0H		+0.6 / -0.9					+0.5 / -0.8			
Standard table		BK04					BK05			
Correction		5.0					5.8			
Summand										
Corrected Glare Indices referring to 1350lm Total Luminous Flux										

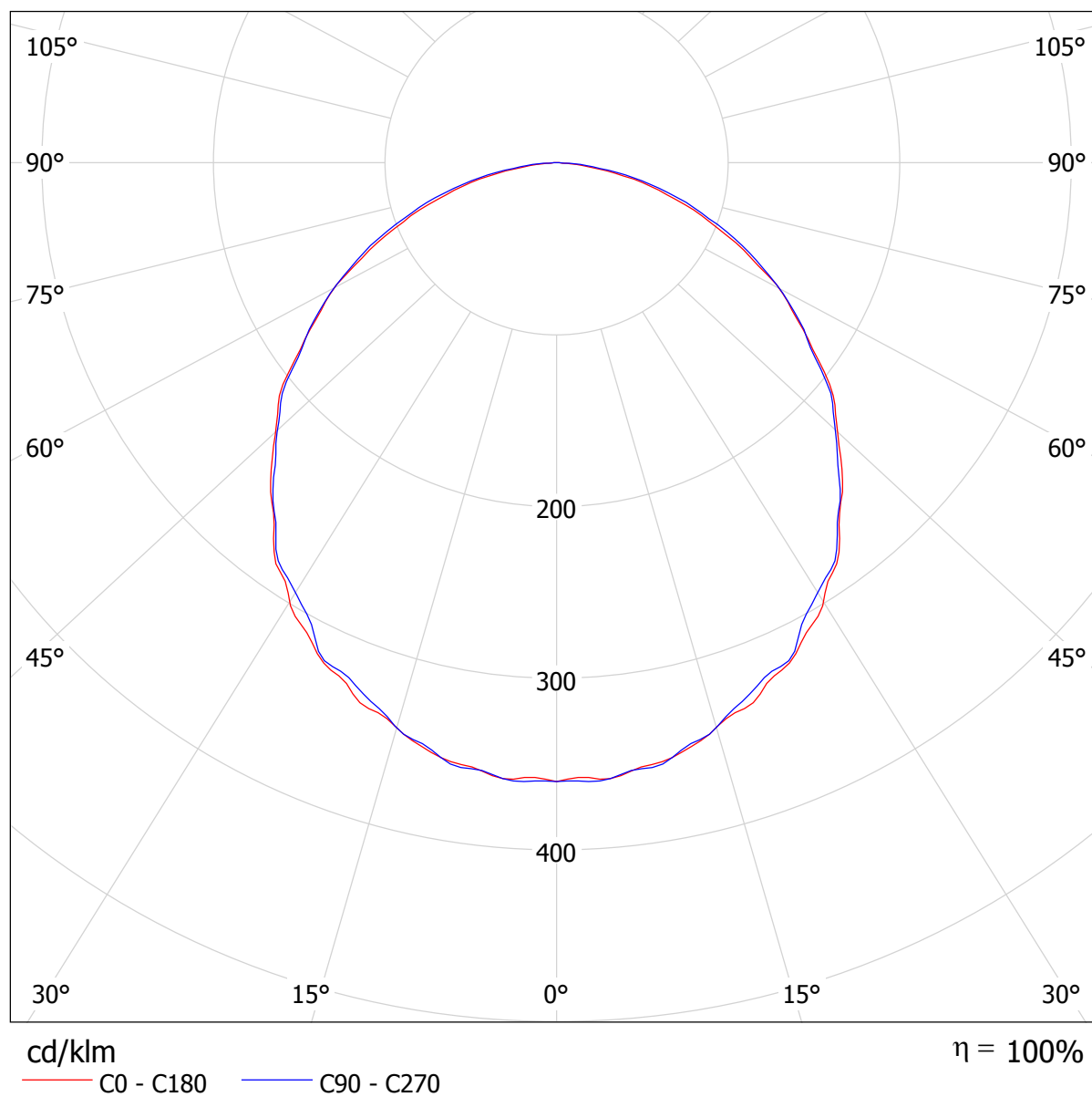


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# GLACIALTECH, INC. DL08-SM-CW-5700K-110D / LDC (Polar)

Luminaire: GLACIALTECH, INC. DL08-SM-CW-5700K-110D

Lamps: 1 x Downlight

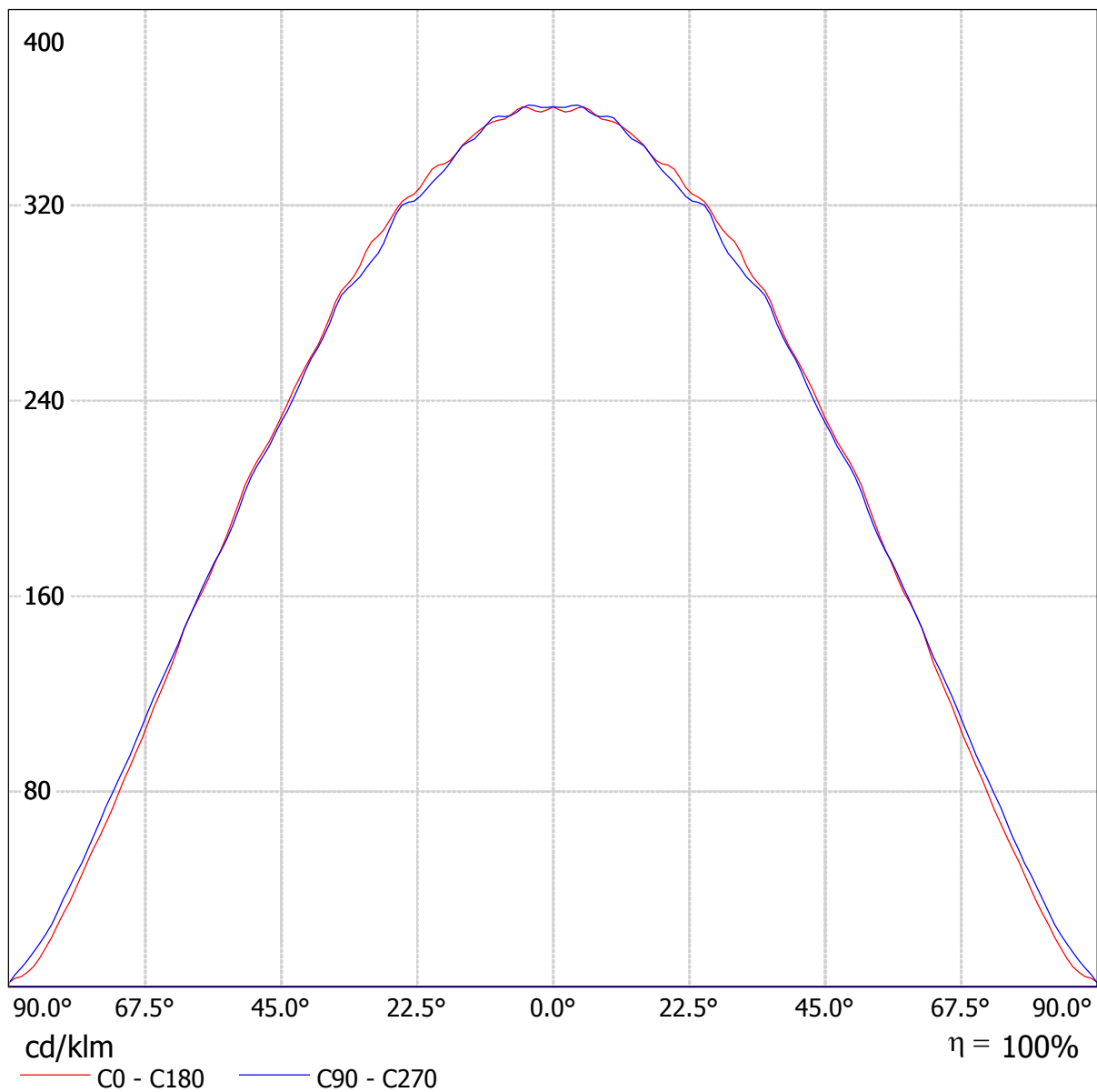




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**GLACIALTECH, INC. DL08-SM-CW-5700K-110D / LDC (Linear)**

Luminaire: GLACIALTECH, INC. DL08-SM-CW-5700K-110D  
Lamps: 1 x Downlight





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## GLACIALTECH, INC. DL08-SM-CW-5700K-110D / UGR-Table

Luminaire: GLACIALTECH, INC. DL08-SM-CW-5700K-110D

Lamps: 1 x Downlight

Glare Evaluation According to UGR											
$\rho$ Ceiling		70	70	50	50	30	70	70	50	50	30
$\rho$ Walls		50	30	50	30	30	50	30	50	30	30
$\rho$ 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	19.4	20.7	19.7	20.9	21.2	19.5	20.8	19.8	21.0	21.3
	3H	20.7	21.9	21.0	22.1	22.4	20.8	22.0	21.1	22.3	22.6
	4H	21.1	22.2	21.5	22.5	22.8	21.3	22.4	21.6	22.7	23.0
	6H	21.4	22.4	21.7	22.7	23.0	21.6	22.7	22.0	23.0	23.3
	8H	21.4	22.4	21.8	22.7	23.0	21.7	22.7	22.1	23.0	23.3
	12H	21.4	22.4	21.8	22.7	23.0	21.7	22.7	22.1	23.0	23.3
4H	2H	20.0	21.1	20.3	21.4	21.7	20.1	21.2	20.4	21.5	21.8
	3H	21.4	22.4	21.8	22.7	23.1	21.6	22.6	22.0	22.9	23.2
	4H	22.0	22.8	22.4	23.2	23.6	22.2	23.1	22.6	23.4	23.8
	6H	22.3	23.1	22.7	23.4	23.8	22.6	23.4	23.0	23.7	24.1
	8H	22.4	23.1	22.8	23.5	23.9	22.7	23.4	23.2	23.8	24.2
	12H	22.4	23.0	22.9	23.4	23.9	22.8	23.4	23.2	23.8	24.3
8H	4H	22.2	22.9	22.7	23.3	23.7	22.4	23.1	22.8	23.5	23.9
	6H	22.6	23.2	23.1	23.6	24.1	22.9	23.5	23.4	23.9	24.4
	8H	22.7	23.2	23.2	23.7	24.2	23.1	23.6	23.6	24.0	24.5
	12H	22.8	23.2	23.3	23.7	24.2	23.2	23.6	23.7	24.1	24.6
12H	4H	22.2	22.8	22.7	23.3	23.7	22.4	23.0	22.9	23.4	23.9
	6H	22.7	23.2	23.1	23.6	24.1	23.0	23.4	23.4	23.9	24.4
	8H	22.8	23.2	23.3	23.7	24.2	23.1	23.5	23.6	24.0	24.5
Variation of the observer position for the luminaire distances S											
S = 1.0H		+0.1 / -0.1					+0.1 / -0.2				
S = 1.5H		+0.3 / -0.5					+0.2 / -0.4				
S = 2.0H		+0.6 / -0.9					+0.5 / -0.8				
Standard table		BK04					BK05				
Correction Summand		5.0					5.8				
Corrected Glare Indices referring to 1350lm Total Luminous Flux											

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

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## GLACIALTECH, INC. DL08-SM-CW-5700K-110D / Glare Data Sheet

Luminaire: GLACIALTECH, INC.  
DL08-SM-CW-5700K-110D

Lamps: 1 x Downlight

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	19.4	20.7	19.7	20.9	21.2	19.5	20.8	19.8	21.0	21.3
	3H	20.7	21.9	21.0	22.1	22.4	20.8	22.0	21.1	22.3	22.6
	4H	21.1	22.2	21.5	22.5	22.8	21.3	22.4	21.6	22.7	23.0
	6H	21.4	22.4	21.7	22.7	23.0	21.6	22.7	22.0	23.0	23.3
	8H	21.4	22.4	21.8	22.7	23.0	21.7	22.7	22.1	23.0	23.3
	12H	21.4	22.4	21.8	22.7	23.0	21.7	22.7	22.1	23.0	23.3
4H	2H	20.0	21.1	20.3	21.4	21.7	20.1	21.2	20.4	21.5	21.8
	3H	21.4	22.4	21.8	22.7	23.1	21.6	22.6	22.0	22.9	23.2
	4H	22.0	22.8	22.4	23.2	23.6	22.2	23.1	22.6	23.4	23.8
	6H	22.3	23.1	22.7	23.4	23.8	22.6	23.4	23.0	23.7	24.1
	8H	22.4	23.1	22.8	23.5	23.9	22.7	23.4	23.2	23.8	24.2
	12H	22.4	23.0	22.9	23.4	23.9	22.8	23.4	23.2	23.8	24.3
8H	4H	22.2	22.9	22.7	23.3	23.7	22.4	23.1	22.8	23.5	23.9
	6H	22.6	23.2	23.1	23.6	24.1	22.9	23.5	23.4	23.9	24.4
	8H	22.7	23.2	23.2	23.7	24.2	23.1	23.6	23.6	24.0	24.5
	12H	22.8	23.2	23.3	23.7	24.2	23.2	23.6	23.7	24.1	24.6
12H	4H	22.2	22.8	22.7	23.3	23.7	22.4	23.0	22.9	23.4	23.9
	6H	22.7	23.2	23.1	23.6	24.1	23.0	23.4	23.4	23.9	24.4
	8H	22.8	23.2	23.3	23.7	24.2	23.1	23.5	23.6	24.0	24.5
Variation of the observer position for the luminaire distances S											
S = 1.0H		+0.1 / -0.1					+0.1 / -0.2				
S = 1.5H		+0.3 / -0.5					+0.2 / -0.4				
S = 2.0H		+0.6 / -0.9					+0.5 / -0.8				
Standard table		BK04					BK05				
Correction Summand		5.0					5.8				
Corrected Glare Indices referring to 1350lm Total Luminous Flux											

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

