

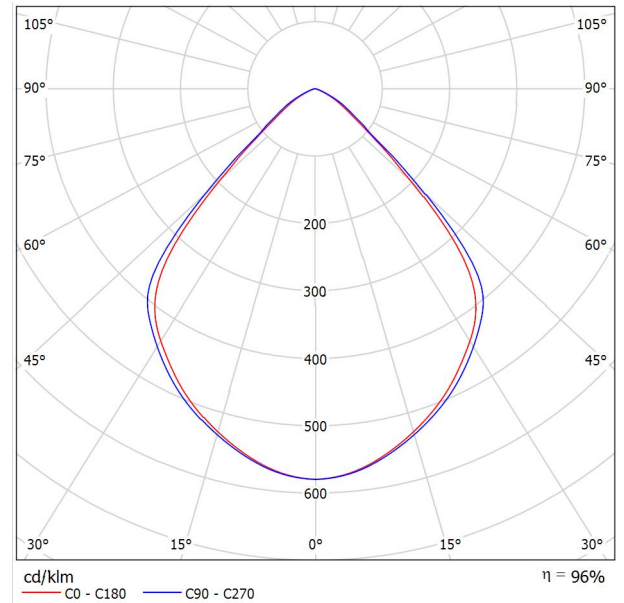
GlacialTech Inc.
 http://www.glaciallight.com
 7F, No.352, Sec. 2, Zhongshan Rd., Zhonghe Dist., New Taipei
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 e-Mail sales@GlacialLight.com

GlacialLight GL-DLC06-35-NL-NW-4000K-90D (natural sunlight) / 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: 74 97 100 100 96

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	20.1	21.0	20.4	21.2	21.4	20.4	21.4	20.7	21.6	21.8
	3H	20.0	20.8	20.3	21.1	21.3	20.4	21.2	20.7	21.5	21.7
	4H	19.9	20.7	20.2	21.0	21.3	20.3	21.1	20.6	21.4	21.6
	6H	19.9	20.6	20.2	20.9	21.2	20.2	21.0	20.6	21.2	21.5
	8H	19.8	20.5	20.2	20.8	21.1	20.2	20.9	20.5	21.2	21.5
4H	2H	20.0	20.8	20.3	21.0	21.3	20.3	21.1	20.7	21.4	21.7
	3H	19.9	20.6	20.3	20.9	21.2	20.3	20.9	20.6	21.2	21.6
	4H	19.9	20.4	20.3	20.8	21.1	20.2	20.8	20.6	21.1	21.5
	6H	19.8	20.3	20.2	20.7	21.0	20.2	20.7	20.6	21.0	21.4
	8H	19.8	20.2	20.2	20.6	21.0	20.1	20.6	20.6	21.0	21.4
8H	2H	19.7	20.1	20.2	20.5	21.0	20.1	20.5	20.5	20.9	21.3
	4H	19.8	20.2	20.2	20.6	21.0	20.1	20.6	20.5	21.0	21.4
	6H	19.7	20.0	20.1	20.5	20.9	20.1	20.4	20.5	20.8	21.3
	8H	19.7	20.0	20.1	20.4	20.9	20.0	20.3	20.5	20.8	21.2
	12H	19.6	19.9	20.1	20.3	20.8	20.0	20.2	20.5	20.7	21.2
12H	4H	19.7	20.1	20.2	20.5	21.0	20.1	20.5	20.5	20.9	21.3
	6H	19.7	20.0	20.1	20.4	20.9	20.0	20.3	20.5	20.8	21.2
	8H	19.6	19.9	20.1	20.3	20.8	20.0	20.2	20.5	20.7	21.2
	Variation of the observer position for the luminaire distances S										
	S = 1.0H	+2.0 / -4.5					+1.8 / -4.2				
S = 1.5H	+4.0 / -7.1					+4.2 / -6.8					
S = 2.0H	+5.9 / -10.4					+6.1 / -9.7					
Standard table	BK00					BK00					
Correction	1.5					1.8					
Summand											

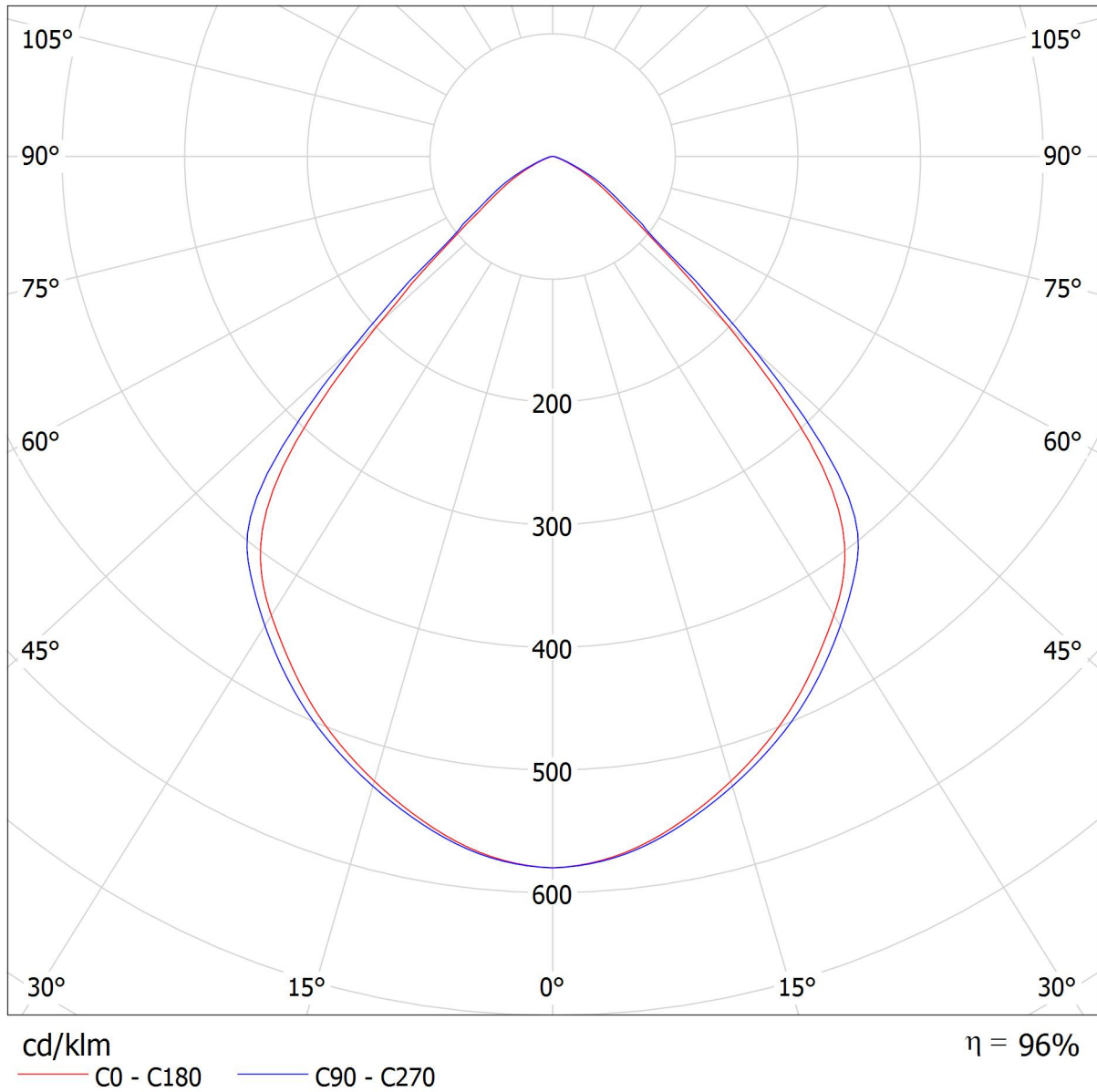
Corrected Glare Indices referring to 2950lm Total Luminous Flux

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GlacialLight GL-DLC06-35-NL-NW-4000K-90D (natural sunlight) / LDC (Polar)

Luminaire: GlacialLight GL-DLC06-35-NL-NW-4000K-90D (natural sunlight)
Lamps: 1 x GL-DLC06-35-NL-NW-4000K-90D (natural sunlight)

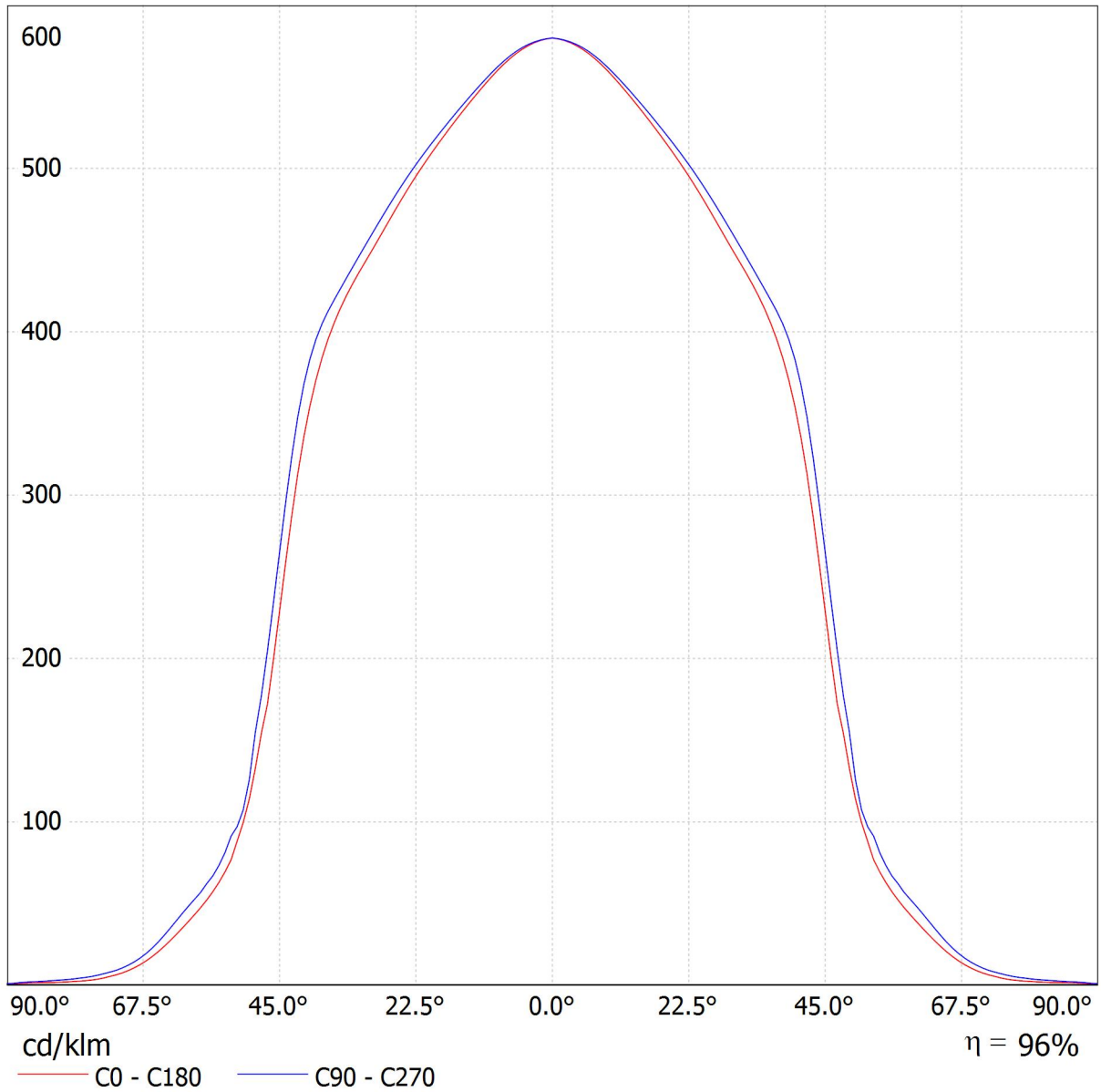


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GlacialLight GL-DLC06-35-NL-NW-4000K-90D (natural sunlight) / LDC (Linear)

Luminaire: GlacialLight GL-DLC06-35-NL-NW-4000K-90D (natural sunlight)
Lamps: 1 x GL-DLC06-35-NL-NW-4000K-90D (natural sunlight)



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GlacialLight GL-DLC06-35-NL-NW-4000K-90D (natural sunlight) / UGR-Table

Luminaire: GlacialLight GL-DLC06-35-NL-NW-4000K-90D (natural sunlight)
 Lamps: 1 x GL-DLC06-35-NL-NW-4000K-90D (natural sunlight)

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	20.1	21.0	20.4	21.2	21.4	20.4	21.4	20.7	21.6	21.8
	3H	20.0	20.8	20.3	21.1	21.3	20.4	21.2	20.7	21.5	21.7
	4H	19.9	20.7	20.2	21.0	21.3	20.3	21.1	20.6	21.4	21.6
	6H	19.9	20.6	20.2	20.9	21.2	20.2	21.0	20.6	21.2	21.5
	8H	19.8	20.5	20.2	20.8	21.1	20.2	20.9	20.5	21.2	21.5
	12H	19.8	20.4	20.1	20.8	21.1	20.2	20.8	20.5	21.1	21.5
4H	2H	20.0	20.8	20.3	21.0	21.3	20.3	21.1	20.7	21.4	21.7
	3H	19.9	20.6	20.3	20.9	21.2	20.3	20.9	20.6	21.2	21.6
	4H	19.9	20.4	20.3	20.8	21.1	20.2	20.8	20.6	21.1	21.5
	6H	19.8	20.3	20.2	20.7	21.0	20.2	20.7	20.6	21.0	21.4
	8H	19.8	20.2	20.2	20.6	21.0	20.1	20.6	20.6	21.0	21.4
	12H	19.7	20.1	20.2	20.5	21.0	20.1	20.5	20.5	20.9	21.3
8H	4H	19.8	20.2	20.2	20.6	21.0	20.1	20.6	20.5	21.0	21.4
	6H	19.7	20.0	20.1	20.5	20.9	20.1	20.4	20.5	20.8	21.3
	8H	19.7	20.0	20.1	20.4	20.9	20.0	20.3	20.5	20.8	21.2
	12H	19.6	19.9	20.1	20.3	20.8	20.0	20.2	20.5	20.7	21.2
12H	4H	19.7	20.1	20.2	20.5	21.0	20.1	20.5	20.5	20.9	21.3
	6H	19.7	20.0	20.1	20.4	20.9	20.0	20.3	20.5	20.8	21.2
	8H	19.6	19.9	20.1	20.3	20.8	20.0	20.2	20.5	20.7	21.2
Variation of the observer position for the luminaire distances S											
S = 1.0H	+2.0 / -4.5					+1.8 / -4.2					
S = 1.5H	+4.0 / -7.1					+4.2 / -6.8					
S = 2.0H	+5.9 / -10.4					+6.1 / -9.7					
Standard table	BK00					BK00					
Correction Summand	1.5					1.8					
Corrected Glare Indices referring to 2950lm Total Luminous Flux											

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

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Luminaire: GlacialLight GL-DLC06-35-NL-NW-4000K-90D (natural sunlight)

Lamps: 1 x GL-DLC06-35-NL-NW-4000K-90D (natural sunlight)

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	20.1	21.0	20.4	21.2	21.4	20.4	21.4	20.7	21.6	21.8
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	6H	19.8	20.3	20.2	20.7	21.0	20.2	20.7	20.6	21.0	21.4
	8H	19.8	20.2	20.2	20.6	21.0	20.1	20.6	20.6	21.0	21.4
	12H	19.7	20.1	20.2	20.5	21.0	20.1	20.5	20.5	20.9	21.3
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	6H	19.7	20.0	20.1	20.5	20.9	20.1	20.4	20.5	20.8	21.3
	8H	19.7	20.0	20.1	20.4	20.9	20.0	20.3	20.5	20.8	21.2
	12H	19.6	19.9	20.1	20.3	20.8	20.0	20.2	20.5	20.7	21.2
12H	4H	19.7	20.1	20.2	20.5	21.0	20.1	20.5	20.5	20.9	21.3
	6H	19.7	20.0	20.1	20.4	20.9	20.0	20.3	20.5	20.8	21.2
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Standard table	BK00					BK00					
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Corrected Glare Indices referring to 2950lm Total Luminous Flux											

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