

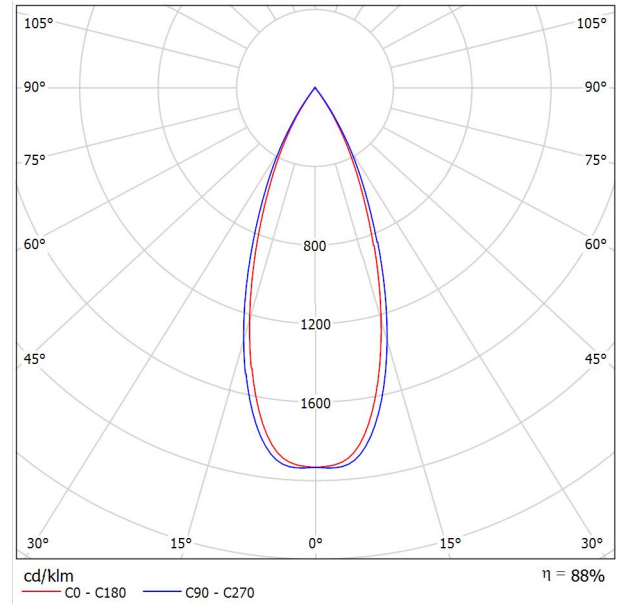
GlacialTech Inc.  
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## GlacialLight GL-FL35-NL-NW-4000K-40D-(Natural Sunlight)-Without Lens Hood / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100  
 CIE flux code: 99 100 100 100 88

Luminous emittance 1:

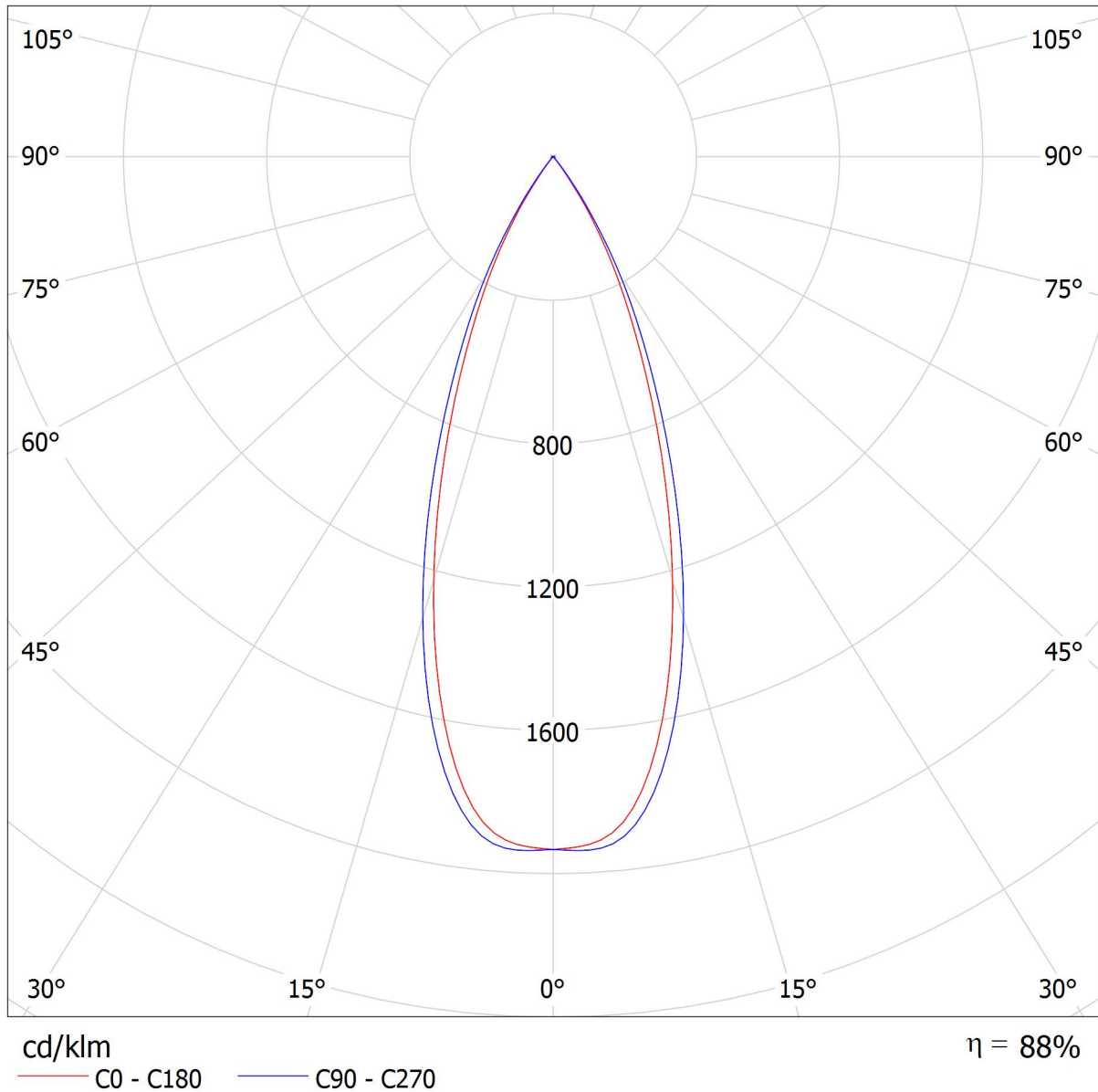
Glare Evaluation According to UGR											
		70	70	50	50	30	70	70	50	50	30
p Ceiling											
p Walls		50	30	50	30	30	50	30	50	30	30
p Floor		20	20	20	20	20	20	20	20	20	20
Room Size X Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	9.7	10.4	10.0	10.5	10.7	10.9	11.6	11.2	11.8	12.0
	3H	9.6	10.2	9.9	10.4	10.6	10.8	11.4	11.1	11.6	11.9
	4H	9.6	10.1	9.9	10.4	10.6	10.8	11.3	11.1	11.5	11.8
	6H	9.7	10.2	10.0	10.4	10.7	10.7	11.2	11.0	11.5	11.8
	8H	9.7	10.1	10.0	10.4	10.7	10.7	11.2	11.0	11.5	11.7
4H	2H	9.7	10.1	10.0	10.4	10.7	10.7	11.1	11.0	11.4	11.7
	3H	9.5	10.1	9.8	10.3	10.6	10.7	11.3	11.0	11.5	11.8
	4H	9.4	9.8	9.7	10.1	10.4	10.6	11.1	10.9	11.4	11.7
	6H	9.4	9.8	9.8	10.1	10.5	10.5	10.9	10.9	11.3	11.6
	8H	9.5	9.8	9.9	10.2	10.6	10.5	10.8	10.9	11.2	11.6
8H	2H	9.5	9.8	9.9	10.2	10.6	10.5	10.8	10.9	11.2	11.6
	3H	9.5	9.8	10.0	10.2	10.6	10.5	10.8	10.9	11.2	11.6
	4H	9.3	9.6	9.7	10.0	10.4	10.4	10.7	10.9	11.1	11.5
	6H	9.4	9.6	9.9	10.0	10.5	10.4	10.6	10.9	11.1	11.5
	8H	9.5	9.6	9.9	10.1	10.5	10.4	10.6	10.9	11.1	11.5
12H	2H	9.5	9.6	10.0	10.1	10.6	10.5	10.6	11.0	11.1	11.6
	3H	9.3	9.5	9.7	9.9	10.3	10.4	10.7	10.8	11.1	11.5
	4H	9.4	9.6	9.9	10.0	10.5	10.4	10.6	10.9	11.0	11.5
	6H	9.4	9.6	9.9	10.0	10.5	10.4	10.6	10.9	11.0	11.5
	8H	9.4	9.6	9.9	10.0	10.5	10.4	10.6	10.9	11.0	11.5
Variation of the observer position for the luminaire distances S											
S = 1.0H		+6.3 / -6.8					+6.5 / -9.0				
S = 1.5H		+9.1 / -7.1					+9.3 / -9.5				
S = 2.0H		+11.1 / -7.5					+11.3 / -9.8				
Standard table		BK00					BK00				
Correction Summand		-9.2					-8.1				
Corrected Glare Indices referring to 2950lm Total Luminous Flux											

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## GlacialLight GL-FL35-NL-NW-4000K-40D-(Natural Sunlight)-Without Lens Hood / LDC (Polar)

Luminaire: GlacialLight GL-FL35-NL-NW-4000K-40D-(Natural Sunlight)-Without Lens Hood  
Lamps: 1 x Flood Light

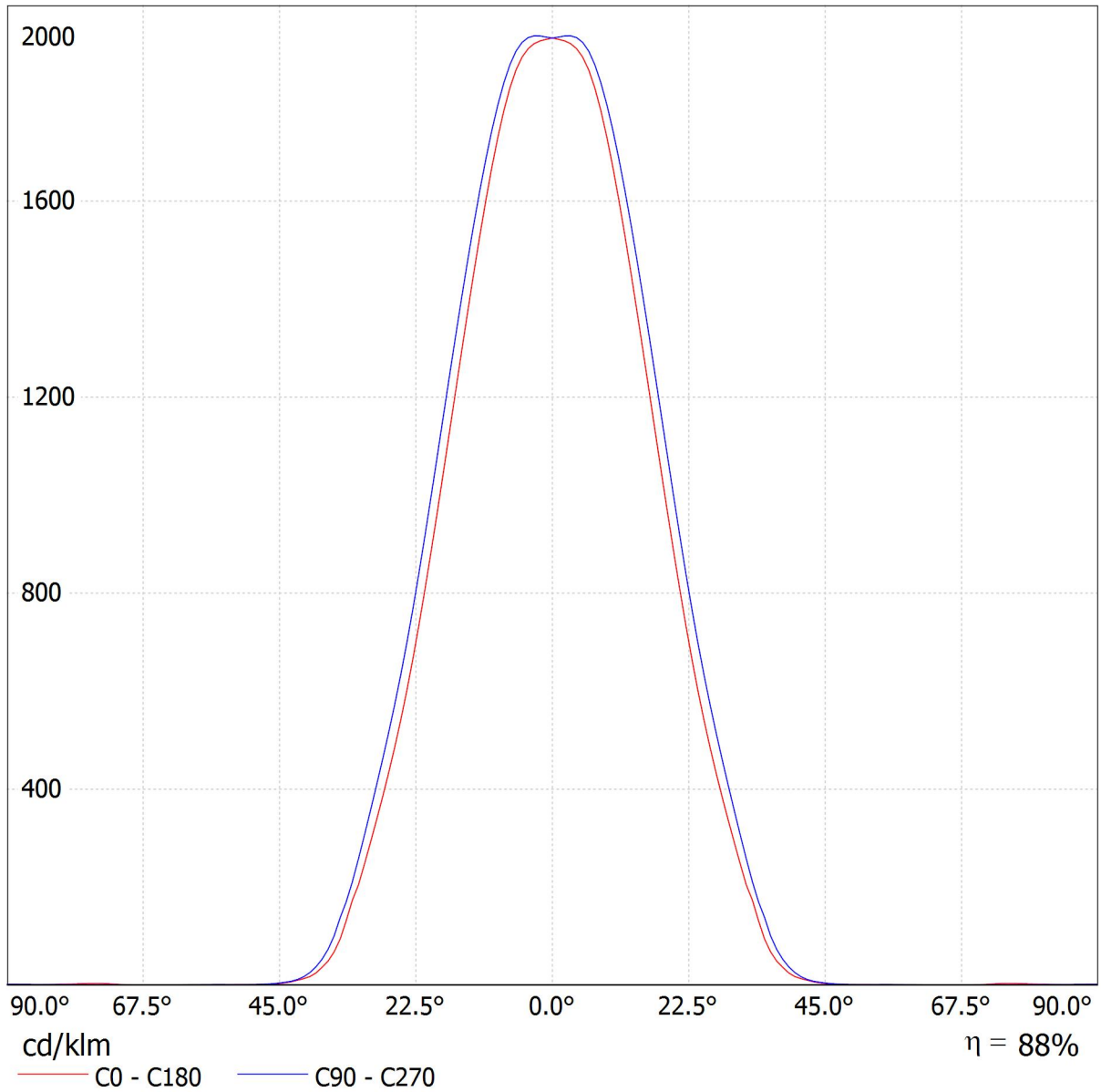


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## GlacialLight GL-FL35-NL-NW-4000K-40D-(Natural Sunlight)-Without Lens Hood / LDC (Linear)

Luminaire: GlacialLight GL-FL35-NL-NW-4000K-40D-(Natural Sunlight)-Without Lens Hood  
Lamps: 1 x Flood Light



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## GlacialLight GL-FL35-NL-NW-4000K-40D-(Natural Sunlight)-Without Lens Hood / UGR-Table

Luminaire: GlacialLight GL-FL35-NL-NW-4000K-40D-(Natural Sunlight)-Without Lens Hood  
 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	9.7	10.4	10.0	10.5	10.7	10.9	11.6	11.2	11.8	12.0
	3H	9.6	10.2	9.9	10.4	10.6	10.8	11.4	11.1	11.6	11.9
	4H	9.6	10.1	9.9	10.4	10.6	10.8	11.3	11.1	11.5	11.8
	6H	9.7	10.2	10.0	10.4	10.7	10.7	11.2	11.0	11.5	11.8
	8H	9.7	10.1	10.0	10.4	10.7	10.7	11.2	11.0	11.5	11.7
	12H	9.7	10.1	10.0	10.4	10.7	10.7	11.1	11.0	11.4	11.7
4H	2H	9.5	10.1	9.8	10.3	10.6	10.7	11.3	11.0	11.5	11.8
	3H	9.4	9.8	9.7	10.1	10.4	10.6	11.1	10.9	11.4	11.7
	4H	9.4	9.8	9.8	10.1	10.5	10.5	10.9	10.9	11.3	11.6
	6H	9.5	9.8	9.9	10.2	10.6	10.5	10.8	10.9	11.2	11.6
	8H	9.5	9.8	9.9	10.2	10.6	10.5	10.8	10.9	11.2	11.6
	12H	9.5	9.8	10.0	10.2	10.6	10.5	10.8	10.9	11.2	11.6
8H	4H	9.3	9.6	9.7	10.0	10.4	10.4	10.7	10.9	11.1	11.5
	6H	9.4	9.6	9.9	10.0	10.5	10.4	10.6	10.9	11.1	11.5
	8H	9.5	9.6	9.9	10.1	10.5	10.4	10.6	10.9	11.1	11.5
	12H	9.5	9.6	10.0	10.1	10.6	10.5	10.6	11.0	11.1	11.6
12H	4H	9.3	9.5	9.7	9.9	10.3	10.4	10.7	10.8	11.1	11.5
	6H	9.4	9.6	9.9	10.0	10.5	10.4	10.6	10.9	11.0	11.5
	8H	9.4	9.6	9.9	10.0	10.5	10.4	10.6	10.9	11.0	11.5
Variation of the observer position for the luminaire distances S											
S = 1.0H		+6.3 / -6.8					+6.5 / -9.0				
S = 1.5H		+9.1 / -7.1					+9.3 / -9.5				
S = 2.0H		+11.1 / -7.5					+11.3 / -9.8				
Standard table		BK00					BK00				
Correction Summand		-9.2					-8.1				
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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## GlacialLight GL-FL35-NL-NW-4000K-40D-(Natural Sunlight)-Without Lens Hood / LDC Data Sheet

Luminaire: GlacialLight GL-FL35-NL-NW-4000K-40D-(Natural Sunlight)-Without Lens Hood

Lamps: 1 x Flood Light

