

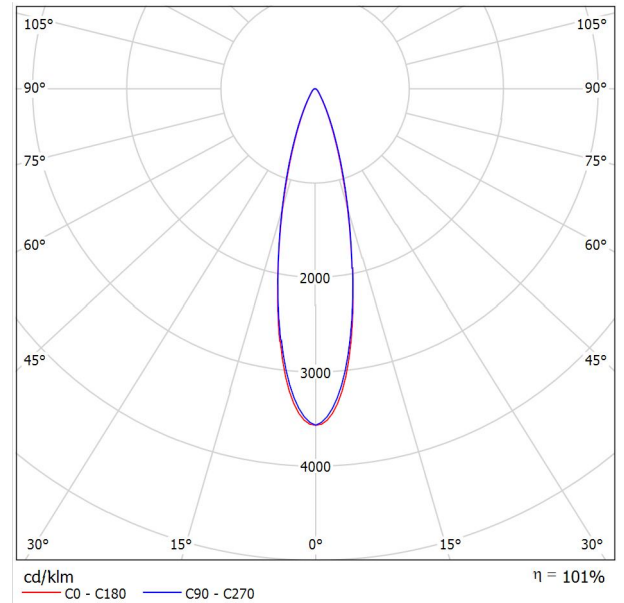
GlacialTech Inc.
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GlacialLight GL-AR111-V2ADA-12-NL-WW-2700K-26D-(Natural Sunlight) / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100
 CIE flux code: 90 96 99 100 101

Luminous emittance 1:

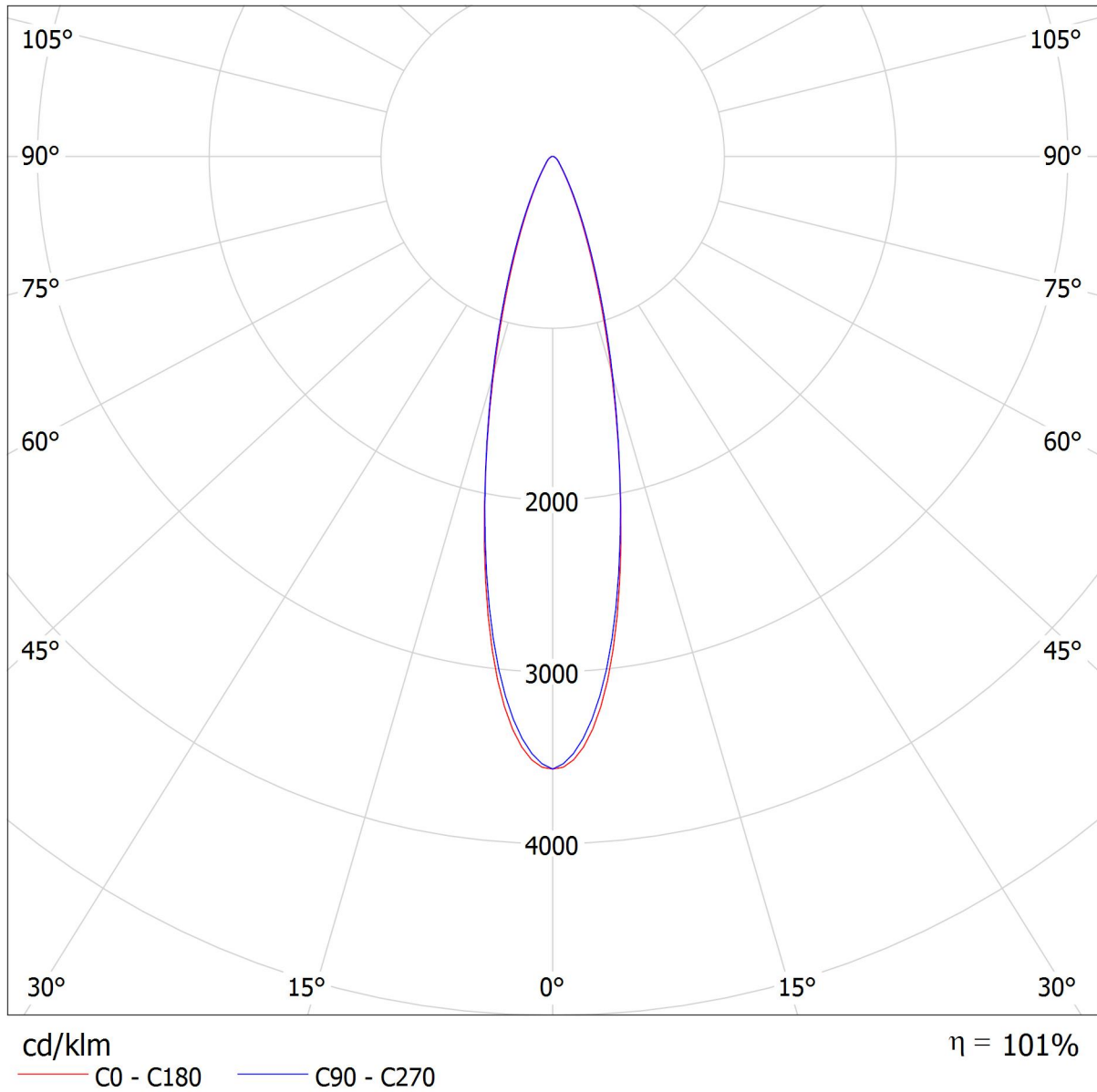
Glare Evaluation According to UGR											
ρ Ceiling	70	70	50	50	30	70	70	50	50	30	
ρ Walls	50	30	50	30	20	50	30	50	30	20	
ρ Floor	20	20	20	20	20	20	20	20	20	20	
Room Size X Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis					
2H	2H	10.9	11.7	11.2	11.9	12.1	11.2	12.0	11.5	12.2	12.4
	3H	11.5	12.2	11.8	12.4	12.7	11.9	12.6	12.2	12.8	13.1
	4H	11.7	12.4	12.0	12.6	12.9	12.2	12.9	12.5	13.1	13.4
	6H	11.9	12.5	12.2	12.7	13.0	12.5	13.1	12.9	13.4	13.7
	8H	12.0	12.5	12.3	12.8	13.1	12.7	13.3	13.0	13.6	13.9
12H	12.1	12.7	12.5	13.0	13.3	12.9	13.4	13.2	13.7	14.0	
4H	2H	11.3	12.0	11.6	12.2	12.5	11.5	12.2	11.8	12.4	12.7
	3H	12.1	12.6	12.4	12.9	13.2	12.4	12.9	12.7	13.2	13.5
	4H	12.4	12.8	12.7	13.2	13.5	12.8	13.3	13.2	13.6	14.0
	6H	12.6	13.1	13.1	13.4	13.8	13.3	13.7	13.7	14.1	14.5
	8H	12.8	13.2	13.2	13.6	14.0	13.5	13.9	14.0	14.3	14.7
12H	13.0	13.4	13.5	13.8	14.2	13.8	14.1	14.2	14.5	14.9	
8H	4H	12.6	12.9	13.0	13.3	13.7	13.0	13.4	13.4	13.7	14.1
	6H	13.0	13.3	13.4	13.7	14.1	13.6	13.9	14.1	14.3	14.8
	8H	13.3	13.5	13.7	14.0	14.4	13.9	14.2	14.4	14.6	15.1
	12H	13.6	13.8	14.1	14.3	14.8	14.2	14.4	14.7	14.9	15.4
	12H	4H	12.6	12.9	13.0	13.3	13.7	13.0	13.3	13.4	13.7
6H	13.1	13.3	13.5	13.7	14.2	13.7	13.9	14.1	14.3	14.8	
8H	13.4	13.6	13.9	14.1	14.5	14.0	14.2	14.5	14.7	15.2	
Variation of the observer position for the luminaire distances S											
S = 1.0H	+0.7 / -0.6					+0.9 / -0.5					
S = 1.5H	+1.7 / -1.1					+1.9 / -0.9					
S = 2.0H	+2.9 / -1.7					+3.1 / -1.5					
Standard table	BK04					BK04					
Correction											
Summand	-4.2					-3.9					
Corrected Glare Indices referring to 800lm Total Luminous Flux											

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GlacialLight GL-AR111-V2ADA-12-NL-WW-2700K-26D-(Natural Sunlight) / LDC (Polar)

Luminaire: GlacialLight GL-AR111-V2ADA-12-NL-WW-2700K-26D-(Natural Sunlight)
Lamps: 1 x AR111

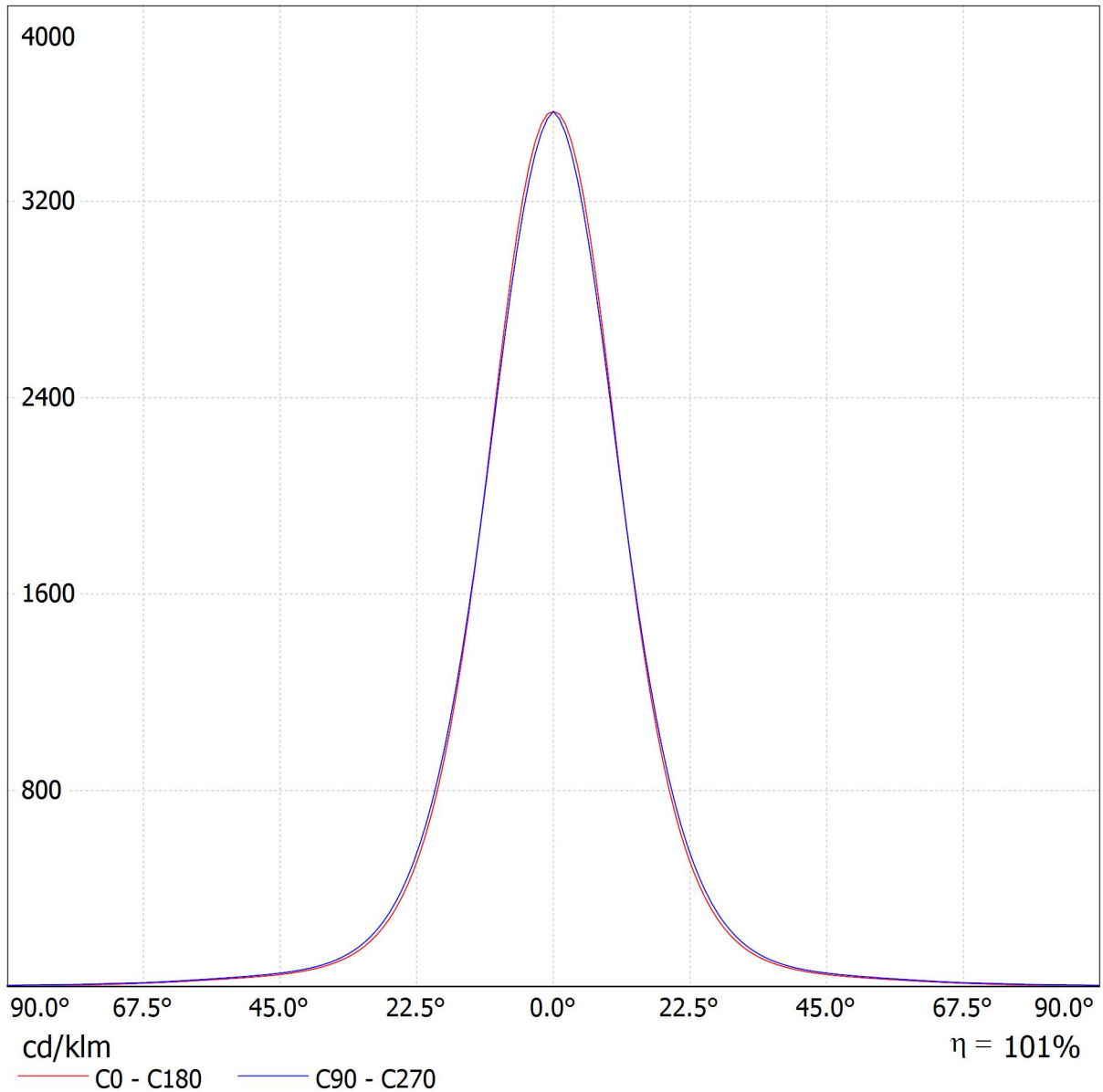


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GlacialLight GL-AR111-V2ADA-12-NL-WW-2700K-26D-(Natural Sunlight) / LDC (Linear)

Luminaire: GlacialLight GL-AR111-V2ADA-12-NL-WW-2700K-26D-(Natural Sunlight)
Lamps: 1 x AR111



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GlacialLight GL-AR111-V2ADA-12-NL-WW-2700K-26D-(Natural Sunlight) / UGR-Table

Luminaire: GlacialLight GL-AR111-V2ADA-12-NL-WW-2700K-26D-(Natural Sunlight)
 Lamps: 1 x AR111

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	10.9	11.7	11.2	11.9	12.1	11.2	12.0	11.5	12.2	12.4
	3H	11.5	12.2	11.8	12.4	12.7	11.9	12.6	12.2	12.8	13.1
	4H	11.7	12.4	12.0	12.6	12.9	12.2	12.9	12.5	13.1	13.4
	6H	11.9	12.5	12.2	12.7	13.0	12.5	13.1	12.9	13.4	13.7
	8H	12.0	12.5	12.3	12.8	13.1	12.7	13.3	13.0	13.6	13.9
	12H	12.1	12.7	12.5	13.0	13.3	12.9	13.4	13.2	13.7	14.0
4H	2H	11.3	12.0	11.6	12.2	12.5	11.5	12.2	11.8	12.4	12.7
	3H	12.1	12.6	12.4	12.9	13.2	12.4	12.9	12.7	13.2	13.5
	4H	12.4	12.8	12.7	13.2	13.5	12.8	13.3	13.2	13.6	14.0
	6H	12.6	13.1	13.1	13.4	13.8	13.3	13.7	13.7	14.1	14.5
	8H	12.8	13.2	13.2	13.6	14.0	13.5	13.9	14.0	14.3	14.7
	12H	13.0	13.4	13.5	13.8	14.2	13.8	14.1	14.2	14.5	14.9
8H	4H	12.6	12.9	13.0	13.3	13.7	13.0	13.4	13.4	13.7	14.1
	6H	13.0	13.3	13.4	13.7	14.1	13.6	13.9	14.1	14.3	14.8
	8H	13.3	13.5	13.7	14.0	14.4	13.9	14.2	14.4	14.6	15.1
	12H	13.6	13.8	14.1	14.3	14.8	14.2	14.4	14.7	14.9	15.4
12H	4H	12.6	12.9	13.0	13.3	13.7	13.0	13.3	13.4	13.7	14.1
	6H	13.1	13.3	13.5	13.7	14.2	13.7	13.9	14.1	14.3	14.8
	8H	13.4	13.6	13.9	14.1	14.5	14.0	14.2	14.5	14.7	15.2
Variation of the observer position for the luminaire distances S											
S = 1.0H		+0.7 / -0.6					+0.9 / -0.5				
S = 1.5H		+1.7 / -1.1					+1.9 / -0.9				
S = 2.0H		+2.9 / -1.7					+3.1 / -1.5				
Standard table		BK04					BK04				
Correction Summand		-4.2					-3.9				
Corrected Glare Indices referring to 800lm 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-AR111-V2ADA-12-NL-WW-2700K-26D-(Natural Sunlight)

Lamps: 1 x AR111

Glare Evaluation According to UGR											
p Ceiling	70	70	50	50	30	70	70	50	50	30	
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	10.9	11.7	11.2	11.9	12.1	11.2	12.0	11.5	12.2	12.4
	3H	11.5	12.2	11.8	12.4	12.7	11.9	12.6	12.2	12.8	13.1
	4H	11.7	12.4	12.0	12.6	12.9	12.2	12.9	12.5	13.1	13.4
	6H	11.9	12.5	12.2	12.7	13.0	12.5	13.1	12.9	13.4	13.7
	8H	12.0	12.5	12.3	12.8	13.1	12.7	13.3	13.0	13.6	13.9
12H	12.1	12.7	12.5	13.0	13.3	12.9	13.4	13.2	13.7	14.0	
4H	2H	11.3	12.0	11.6	12.2	12.5	11.5	12.2	11.8	12.4	12.7
	3H	12.1	12.6	12.4	12.9	13.2	12.4	12.9	12.7	13.2	13.5
	4H	12.4	12.8	12.7	13.2	13.5	12.8	13.3	13.2	13.6	14.0
	6H	12.6	13.1	13.1	13.4	13.8	13.3	13.7	13.7	14.1	14.5
	8H	12.8	13.2	13.2	13.6	14.0	13.5	13.9	14.0	14.3	14.7
12H	13.0	13.4	13.5	13.8	14.2	13.8	14.1	14.2	14.5	14.9	
8H	4H	12.6	12.9	13.0	13.3	13.7	13.0	13.4	13.4	13.7	14.1
	6H	13.0	13.3	13.4	13.7	14.1	13.6	13.9	14.1	14.3	14.8
	8H	13.3	13.5	13.7	14.0	14.4	13.9	14.2	14.4	14.6	15.1
12H	13.6	13.8	14.1	14.3	14.8	14.2	14.4	14.7	14.9	15.4	
12H	4H	12.6	12.9	13.0	13.3	13.7	13.0	13.3	13.4	13.7	14.1
	6H	13.1	13.3	13.5	13.7	14.2	13.7	13.9	14.1	14.3	14.8
	8H	13.4	13.6	13.9	14.1	14.5	14.0	14.2	14.5	14.7	15.2
Variation of the observer position for the luminaire distances S											
S = 1.0H	+0.7 / -0.6					+0.9 / -0.5					
S = 1.5H	+1.7 / -1.1					+1.9 / -0.9					
S = 2.0H	+2.9 / -1.7					+3.1 / -1.5					
Standard table Correction Summand	BK04 -4.2					BK04 -3.9					
Corrected Glare Indices referring to 800lm Total Luminous Flux											

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

