

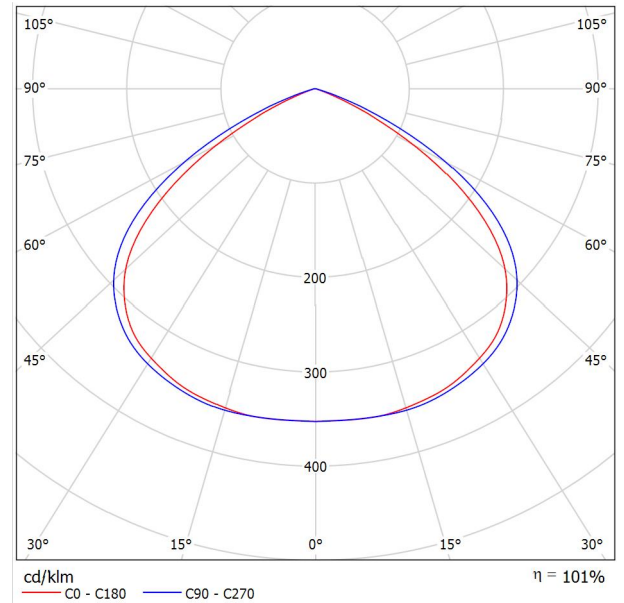
GlacialTech Inc.  
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## GlacialLight GL-BL190-GRR-120D-(Rose) Lens-no lampshade / Luminaire Data Sheet

### Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100  
CIE flux code: 52 90 99 100 101

### Luminous emittance 1:

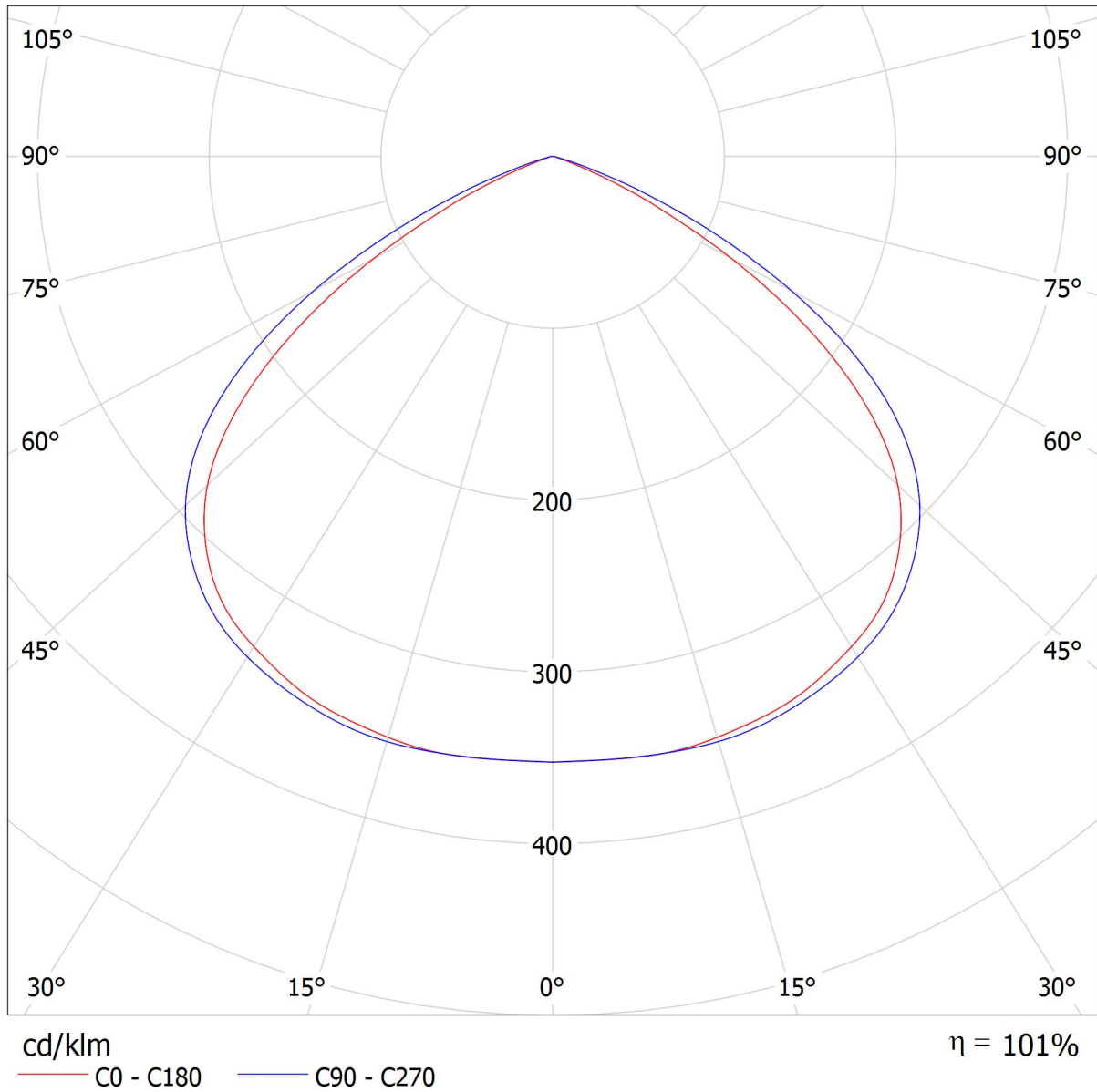
Glare Evaluation According to UGR											
ρ Ceiling	70	70	50	50	30	70	70	50	50	30	
ρ Walls	50	30	50	30	20	50	30	50	30	20	
ρ Floor	20	20	20	20	20	20	20	20	20	20	
Room Size X Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis					
2H	2H	23.0	24.2	23.3	24.5	24.7	23.4	24.7	23.7	24.9	25.1
	3H	23.0	24.1	23.3	24.4	24.6	23.6	24.7	24.0	25.0	25.3
	4H	23.0	24.0	23.3	24.2	24.5	23.6	24.6	23.9	24.9	25.2
	6H	22.9	23.8	23.2	24.1	24.4	23.5	24.4	23.9	24.7	25.0
	8H	22.8	23.7	23.2	24.0	24.4	23.5	24.4	23.8	24.7	25.0
4H	12H	22.8	23.7	23.2	24.0	24.3	23.4	24.3	23.8	24.6	24.9
	2H	23.2	24.2	23.5	24.5	24.8	23.6	24.6	23.9	24.9	25.2
	3H	23.2	24.1	23.6	24.4	24.8	23.8	24.7	24.2	25.0	25.3
	4H	23.2	23.9	23.6	24.3	24.6	23.8	24.5	24.2	24.9	25.2
	6H	23.1	23.8	23.5	24.1	24.5	23.7	24.3	24.1	24.7	25.1
8H	8H	23.1	23.7	23.5	24.1	24.5	23.7	24.3	24.1	24.6	25.1
	12H	23.1	23.6	23.5	24.0	24.4	23.6	24.2	24.1	24.6	25.0
	4H	23.1	23.7	23.5	24.1	24.5	23.7	24.3	24.1	24.7	25.1
	6H	23.0	23.5	23.5	23.9	24.4	23.6	24.1	24.1	24.5	25.0
	8H	23.0	23.4	23.5	23.9	24.3	23.6	24.0	24.0	24.4	24.9
12H	12H	23.0	23.3	23.4	23.8	24.3	23.5	23.9	24.0	24.4	24.9
	4H	23.1	23.6	23.5	24.0	24.4	23.6	24.2	24.1	24.6	25.0
	6H	23.0	23.4	23.5	23.9	24.3	23.6	24.0	24.0	24.4	24.9
	8H	23.0	23.3	23.4	23.8	24.3	23.5	23.9	24.0	24.4	24.9
	8H	23.0	23.3	23.4	23.8	24.3	23.5	23.9	24.0	24.4	24.9
Variation of the observer position for the luminaire distances S											
S = 1.0H	+0.4 / -0.6					+0.2 / -0.4					
S = 1.5H	+1.5 / -3.2					+1.0 / -2.0					
S = 2.0H	+3.1 / -8.0					+2.5 / -5.8					
Standard table	BK01					BK01					
Correction Summand	5.3					5.9					
Corrected Glare Indices referring to 10000lm Total Luminous Flux											

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### GlacialLight GL-BL190-GRR-120D-(Rose) Lens-no lampshade / LDC (Polar)

Luminaire: GlacialLight GL-BL190-GRR-120D-(Rose) Lens-no lampshade  
Lamps: 1 x Bay Light (Horticulture Lighting)

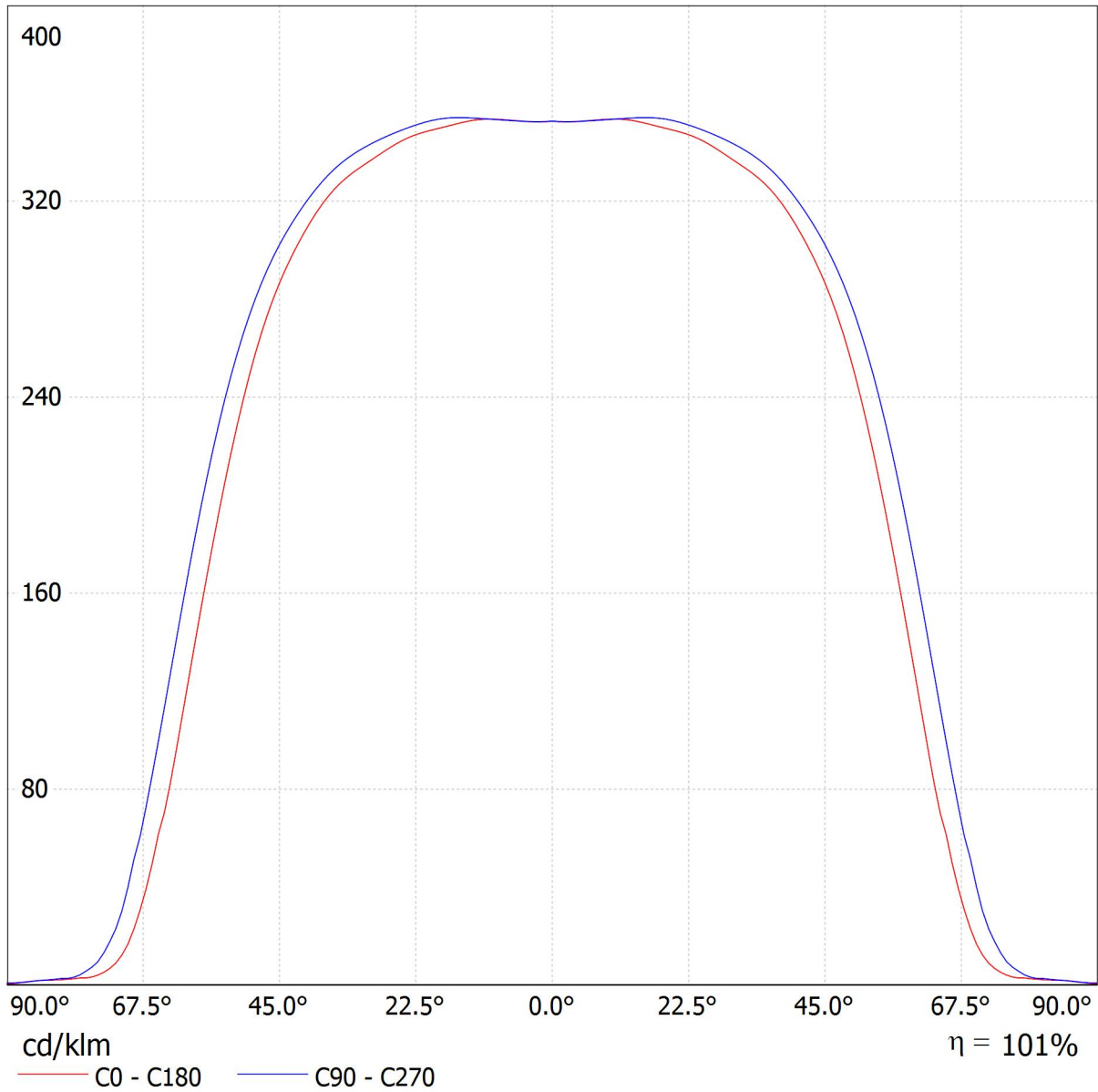


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### GlacialLight GL-BL190-GRR-120D-(Rose) Lens-no lampshade / LDC (Linear)

Luminaire: GlacialLight GL-BL190-GRR-120D-(Rose) Lens-no lampshade  
Lamps: 1 x Bay Light (Horticulture Lighting)



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## GlacialLight GL-BL190-GRR-120D-(Rose) Lens-no lampshade / UGR-Table

Luminaire: GlacialLight GL-BL190-GRR-120D-(Rose) Lens-no lampshade  
 Lamps: 1 x Bay Light (Horticulture Lighting)

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	23.0	24.2	23.3	24.5	24.7	23.4	24.7	23.7	24.9	25.1
	3H	23.0	24.1	23.3	24.4	24.6	23.6	24.7	24.0	25.0	25.3
	4H	23.0	24.0	23.3	24.2	24.5	23.6	24.6	23.9	24.9	25.2
	6H	22.9	23.8	23.2	24.1	24.4	23.5	24.4	23.9	24.7	25.0
	8H	22.8	23.7	23.2	24.0	24.4	23.5	24.4	23.8	24.7	25.0
	12H	22.8	23.7	23.2	24.0	24.3	23.4	24.3	23.8	24.6	24.9
4H	2H	23.2	24.2	23.5	24.5	24.8	23.6	24.6	23.9	24.9	25.2
	3H	23.2	24.1	23.6	24.4	24.8	23.8	24.7	24.2	25.0	25.3
	4H	23.2	23.9	23.6	24.3	24.6	23.8	24.5	24.2	24.9	25.2
	6H	23.1	23.8	23.5	24.1	24.5	23.7	24.3	24.1	24.7	25.1
	8H	23.1	23.7	23.5	24.1	24.5	23.7	24.3	24.1	24.6	25.1
	12H	23.1	23.6	23.5	24.0	24.4	23.6	24.2	24.1	24.6	25.0
8H	4H	23.1	23.7	23.5	24.1	24.5	23.7	24.3	24.1	24.7	25.1
	6H	23.0	23.5	23.5	23.9	24.4	23.6	24.1	24.1	24.5	25.0
	8H	23.0	23.4	23.5	23.9	24.3	23.6	24.0	24.0	24.4	24.9
	12H	23.0	23.3	23.4	23.8	24.3	23.5	23.9	24.0	24.4	24.9
12H	4H	23.1	23.6	23.5	24.0	24.4	23.6	24.2	24.1	24.6	25.0
	6H	23.0	23.4	23.5	23.9	24.3	23.6	24.0	24.0	24.4	24.9
	8H	23.0	23.3	23.4	23.8	24.3	23.5	23.9	24.0	24.4	24.9
Variation of the observer position for the luminaire distances S											
S = 1.0H	+0.4 / -0.6					+0.2 / -0.4					
S = 1.5H	+1.5 / -3.2					+1.0 / -2.0					
S = 2.0H	+3.1 / -8.0					+2.5 / -5.8					
Standard table	BK01					BK01					
Correction Summand	5.3					5.9					
Corrected Glare Indices referring to 10600lm 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-BL190-GRR-120D-(Rose) Lens-no lampshade / LDC Data Sheet

Luminaire: GlacialLight GL-BL190-GRR-120D-(Rose) Lens-no lampshade

Lamps: 1 x Bay Light (Horticulture Lighting)

