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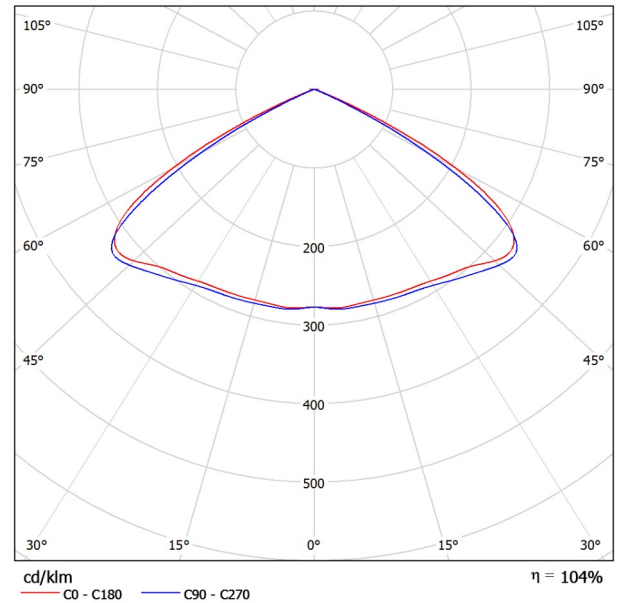
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GlacialLight GL-FL55-NW-4000K-120D Lens-with lampshade / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100
CIE flux code: 44 90 100 100 104

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	25.2	26.5	25.5	26.7	27.0	24.3	25.7	24.6	25.9	26.1
	3H	25.2	26.4	25.5	26.6	26.9	24.2	25.4	24.5	25.7	25.9
	4H	25.1	26.2	25.5	26.5	26.8	24.1	25.2	24.5	25.5	25.8
	6H	25.1	26.1	25.4	26.4	26.7	24.1	25.1	24.4	25.4	25.7
	8H	25.0	26.0	25.4	26.3	26.6	24.0	25.0	24.4	25.3	25.6
4H	12H	25.0	25.9	25.3	26.2	26.5	24.0	24.9	24.4	25.2	25.6
	2H	25.4	26.5	25.7	26.8	27.0	24.6	25.7	25.0	26.0	26.3
	3H	25.4	26.3	25.8	26.6	27.0	24.6	25.5	24.9	25.8	26.1
	4H	25.3	26.1	25.7	26.5	26.9	24.5	25.3	24.9	25.6	26.0
	6H	25.3	26.0	25.7	26.3	26.7	24.4	25.1	24.8	25.5	25.9
8H	8H	25.2	25.9	25.7	26.3	26.7	24.4	25.0	24.8	25.4	25.8
	12H	25.2	25.8	25.7	26.2	26.6	24.4	24.9	24.8	25.3	25.8
	4H	25.2	25.9	25.7	26.3	26.7	24.4	25.0	24.8	25.4	25.8
	6H	25.2	25.7	25.6	26.1	26.6	24.3	24.8	24.8	25.3	25.7
	8H	25.1	25.6	25.6	26.0	26.5	24.3	24.7	24.8	25.2	25.7
12H	12H	25.1	25.5	25.6	26.0	26.5	24.2	24.6	24.7	25.1	25.6
	4H	25.2	25.8	25.7	26.2	26.6	24.4	24.9	24.8	25.3	25.8
	6H	25.1	25.6	25.6	26.0	26.5	24.3	24.7	24.8	25.2	25.7
8H	25.1	25.5	25.6	26.0	26.5	24.2	24.6	24.7	25.1	25.6	
Variation of the observer position for the luminaire distances S											
S = 1.0H	+0.2 / -0.3					+0.4 / -0.5					
S = 1.5H	+1.5 / -2.1					+1.7 / -3.4					
S = 2.0H	+3.1 / -10.2					+3.1 / -13.6					
Standard table	BK01					BK01					
Correction Summand	7.6					6.8					
Corrected Glare Indices referring to 6250lm Total Luminous Flux											

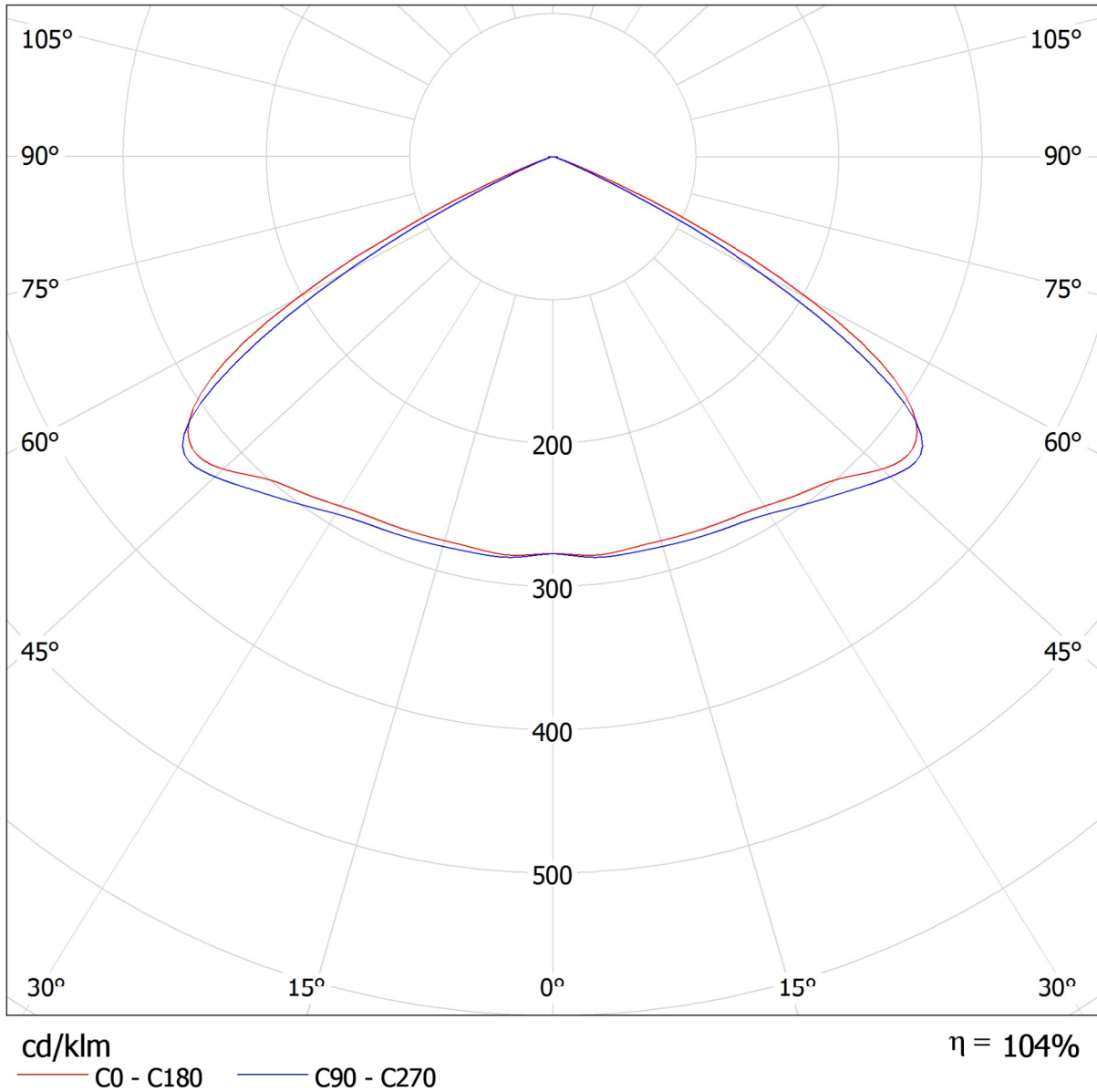
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GlacialLight GL-FL55-NW-4000K-120D Lens-with lampshade / LDC (Polar)

Luminaire: GlacialLight GL-FL55-NW-4000K-120D Lens-with lampshade
Lamps: 1 x Bay Light



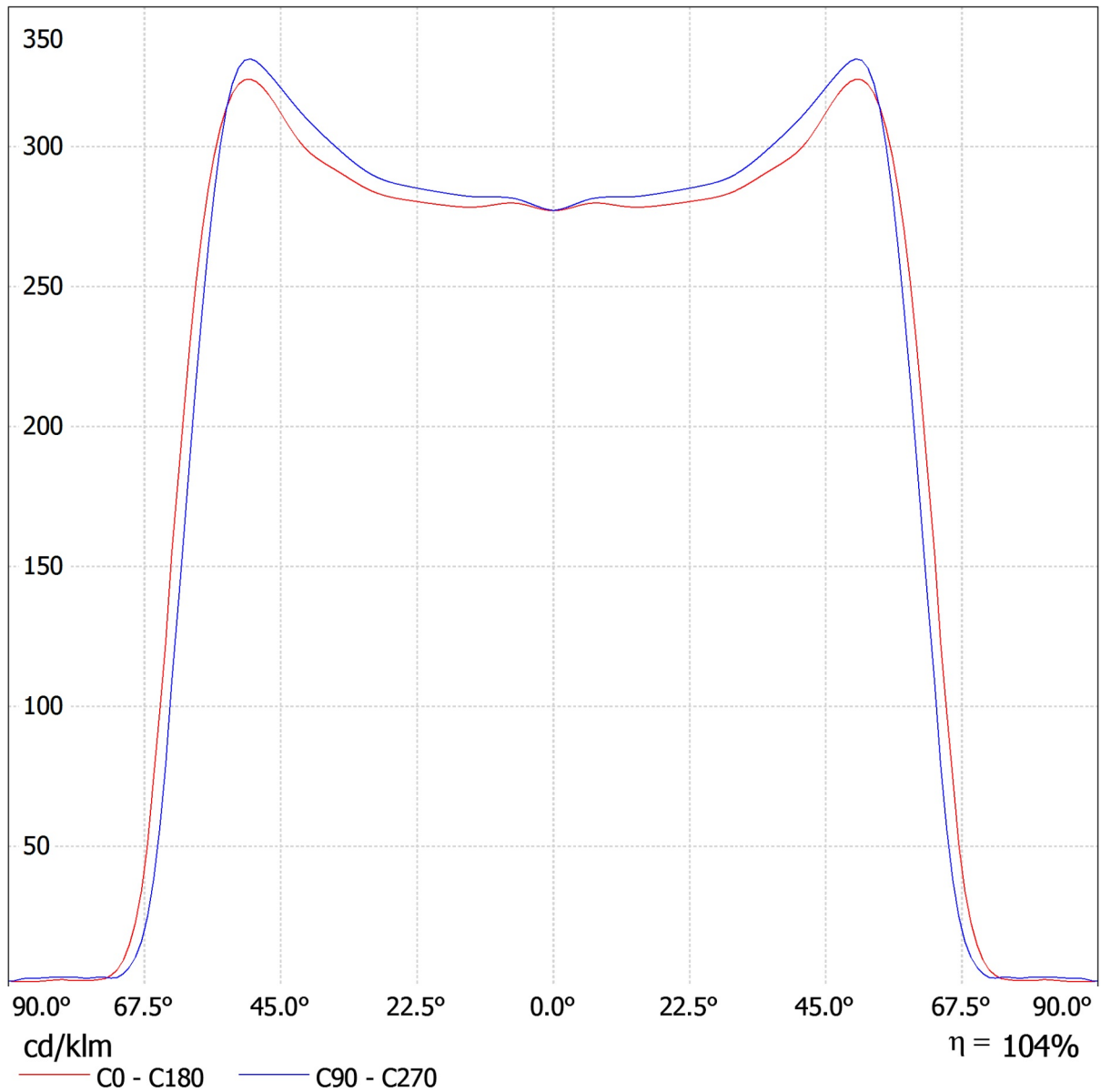
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GlacialLight GL-FL55-NW-4000K-120D Lens-with lampshade / LDC (Linear)

Luminaire: GlacialLight GL-FL55-NW-4000K-120D Lens-with lampshade
Lamps: 1 x Bay Light



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GlacialLight GL-FL55-NW-4000K-120D Lens-with lampshade / UGR-Table

Luminaire: GlacialLight GL-FL55-NW-4000K-120D Lens-with lampshade
Lamps: 1 x Bay Light

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	25.2	26.5	25.5	26.7	27.0	24.3	25.7	24.6	25.9	26.1
	3H	25.2	26.4	25.5	26.6	26.9	24.2	25.4	24.5	25.7	25.9
	4H	25.1	26.2	25.5	26.5	26.8	24.1	25.2	24.5	25.5	25.8
	6H	25.1	26.1	25.4	26.4	26.7	24.1	25.1	24.4	25.4	25.7
	8H	25.0	26.0	25.4	26.3	26.6	24.0	25.0	24.4	25.3	25.6
	12H	25.0	25.9	25.3	26.2	26.5	24.0	24.9	24.4	25.2	25.6
4H	2H	25.4	26.5	25.7	26.8	27.0	24.6	25.7	25.0	26.0	26.3
	3H	25.4	26.3	25.8	26.6	27.0	24.6	25.5	24.9	25.8	26.1
	4H	25.3	26.1	25.7	26.5	26.9	24.5	25.3	24.9	25.6	26.0
	6H	25.3	26.0	25.7	26.3	26.7	24.4	25.1	24.8	25.5	25.9
	8H	25.2	25.9	25.7	26.3	26.7	24.4	25.0	24.8	25.4	25.8
	12H	25.2	25.8	25.7	26.2	26.6	24.4	24.9	24.8	25.3	25.8
8H	4H	25.2	25.9	25.7	26.3	26.7	24.4	25.0	24.8	25.4	25.8
	6H	25.2	25.7	25.6	26.1	26.6	24.3	24.8	24.8	25.3	25.7
	8H	25.1	25.6	25.6	26.0	26.5	24.3	24.7	24.8	25.2	25.7
	12H	25.1	25.5	25.6	26.0	26.5	24.2	24.6	24.7	25.1	25.6
12H	4H	25.2	25.8	25.7	26.2	26.6	24.4	24.9	24.8	25.3	25.8
	6H	25.1	25.6	25.6	26.0	26.5	24.3	24.7	24.8	25.2	25.7
	8H	25.1	25.5	25.6	26.0	26.5	24.2	24.6	24.7	25.1	25.6
Variation of the observer position for the luminaire distances S											
S = 1.0H		+0.2 / -0.3					+0.4 / -0.5				
S = 1.5H		+1.5 / -2.1					+1.7 / -3.4				
S = 2.0H		+3.1 / -10.2					+3.1 / -13.6				
Standard table		BK01					BK01				
Correction Summand		7.6					6.8				
Corrected Glare Indices referring to 6250lm 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-FL55-NW-4000K-120D Lens-with lampshade

Lamps: 1 x Bay Light

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	25.2	26.5	25.5	26.7	27.0	24.3	25.7	24.6	25.9	26.1
	3H	25.2	26.4	25.5	26.6	26.9	24.2	25.4	24.5	25.7	25.9
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	6H	25.1	26.1	25.4	26.4	26.7	24.1	25.1	24.4	25.4	25.7
	8H	25.0	26.0	25.4	26.3	26.6	24.0	25.0	24.4	25.3	25.6
4H	12H	25.0	25.9	25.3	26.2	26.5	24.0	24.9	24.4	25.2	25.6
	2H	25.4	26.5	25.7	26.8	27.0	24.6	25.7	25.0	26.0	26.3
	3H	25.4	26.3	25.8	26.6	27.0	24.6	25.5	24.9	25.8	26.1
	4H	25.3	26.1	25.7	26.5	26.9	24.5	25.3	24.9	25.6	26.0
	6H	25.3	26.0	25.7	26.3	26.7	24.4	25.1	24.8	25.5	25.9
8H	8H	25.2	25.9	25.7	26.3	26.7	24.4	25.0	24.8	25.4	25.8
	12H	25.2	25.8	25.7	26.2	26.6	24.4	24.9	24.8	25.3	25.8
	4H	25.2	25.9	25.7	26.3	26.7	24.4	25.0	24.8	25.4	25.8
	6H	25.2	25.7	25.6	26.1	26.6	24.3	24.8	24.8	25.3	25.7
	8H	25.1	25.6	25.6	26.0	26.5	24.3	24.7	24.8	25.2	25.7
12H	12H	25.1	25.5	25.6	26.0	26.5	24.2	24.6	24.7	25.1	25.6
	4H	25.2	25.8	25.7	26.2	26.6	24.4	24.9	24.8	25.3	25.8
	6H	25.1	25.6	25.6	26.0	26.5	24.3	24.7	24.8	25.2	25.7
	8H	25.1	25.5	25.6	26.0	26.5	24.2	24.6	24.7	25.1	25.6

Variation of the observer position for the luminaire distances S		
S = 1.0H	+0.2 / -0.3	+0.4 / -0.5
S = 1.5H	+1.5 / -2.1	+1.7 / -3.4
S = 2.0H	+3.1 / -10.2	+3.1 / -13.6

Standard table	BK01	BK01
Correction Summand	7.6	6.8

Corrected Glare Indices referring to 6250lm Total Luminous Flux

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

