

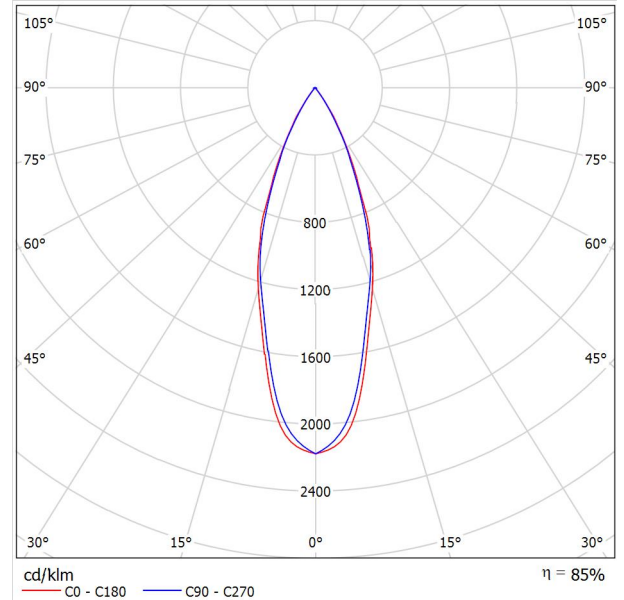
GlacialTech Inc.  
 http://www.glaciallight.com  
 7F, No.352, Sec. 2, Zhongshan Rd., Zhonghe Dist., New Taipei  
 City, Taiwan, 235, R.O.C.

Operator GlacialLight R&D Department  
 Telephone +886 2 2244-1227  
 Fax +886 2 2244-1228  
 e-Mail sales@GlacialLight.com

## GlacialLight GL-CFD06Dx-35-NL-NW-4000K-40D / 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 99 100 100 86

### Luminous emittance 1:

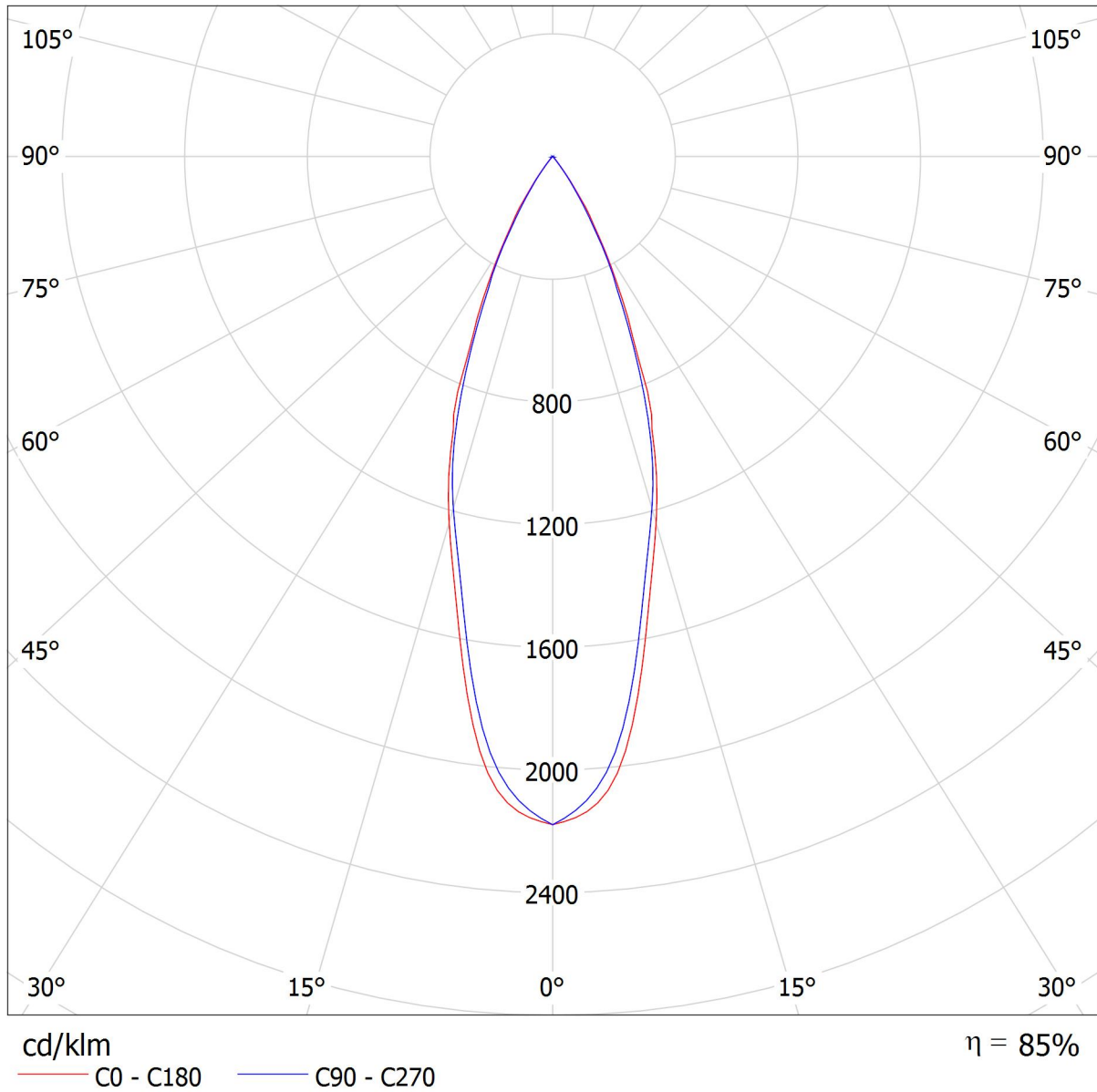
Glare Evaluation According to UGR											
ρ Ceiling	70	70	50	50	30	70	70	50	50	30	
ρ Walls	50	30	50	30	30	50	30	50	30	30	
ρ Floor	20	20	20	20	20	20	20	20	20	20	
Room Size X Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis					
2H	2H	7.3	8.0	7.6	8.2	8.4	6.8	7.5	7.1	7.7	7.9
	3H	7.2	7.8	7.5	8.1	8.3	6.8	7.3	7.0	7.6	7.8
	4H	7.2	7.8	7.5	8.0	8.3	6.7	7.3	7.0	7.5	7.8
	6H	7.2	7.7	7.5	8.0	8.3	6.7	7.3	7.1	7.5	7.8
	8H	7.2	7.7	7.5	8.0	8.3	6.8	7.2	7.1	7.5	7.8
4H	2H	7.1	7.7	7.4	7.9	8.2	6.7	7.2	7.0	7.5	7.7
	3H	7.1	7.5	7.4	7.8	8.1	6.6	7.1	6.9	7.4	7.7
	4H	7.1	7.5	7.4	7.8	8.1	6.6	7.0	7.0	7.3	7.7
	6H	7.1	7.5	7.5	7.8	8.2	6.7	7.0	7.1	7.3	7.7
	8H	7.2	7.5	7.6	7.8	8.2	6.7	7.0	7.1	7.4	7.8
8H	2H	7.2	7.5	7.7	7.9	8.3	6.8	7.0	7.2	7.4	7.9
	4H	7.0	7.3	7.4	7.7	8.1	6.5	6.8	6.9	7.2	7.6
	6H	7.1	7.3	7.5	7.7	8.2	6.6	6.9	7.1	7.3	7.7
	8H	7.2	7.4	7.7	7.8	8.3	6.8	6.9	7.2	7.4	7.8
	12H	7.3	7.5	7.8	7.9	8.4	6.9	7.1	7.4	7.5	8.0
12H	4H	7.0	7.2	7.4	7.6	8.0	6.5	6.8	6.9	7.2	7.6
	6H	7.1	7.3	7.5	7.7	8.2	6.6	6.8	7.1	7.3	7.7
	8H	7.2	7.3	7.7	7.8	8.3	6.8	6.9	7.3	7.4	7.9
Variation of the observer position for the luminaire distances S											
S = 1.0H	+6.1 / -5.6					+5.9 / -5.3					
S = 1.5H	+8.9 / -5.9					+8.7 / -5.5					
S = 2.0H	+10.9 / -6.4					+10.7 / -6.0					
Standard table	BK01					BK01					
Correction Summand	-11.3					-11.8					
Corrected Glare Indices referring to 2300lm Total Luminous Flux											

GlacialTech Inc.  
<http://www.glaciallight.com>  
7F, No.352, Sec. 2, Zhongshan Rd., Zhonghe Dist., New Taipei  
City, Taiwan, 235, R.O.C.

Operator GlacialLight R&D Department  
Telephone +886 2 2244-1227  
Fax +886 2 2244-1228  
e-Mail [sales@GlacialLight.com](mailto:sales@GlacialLight.com)

### GlacialLight GL-CFD06Dx-35-NL-NW-4000K-40D / LDC (Polar)

Luminaire: GlacialLight GL-CFD06Dx-35-NL-NW-4000K-40D  
Lamps: 1 x Feature Light

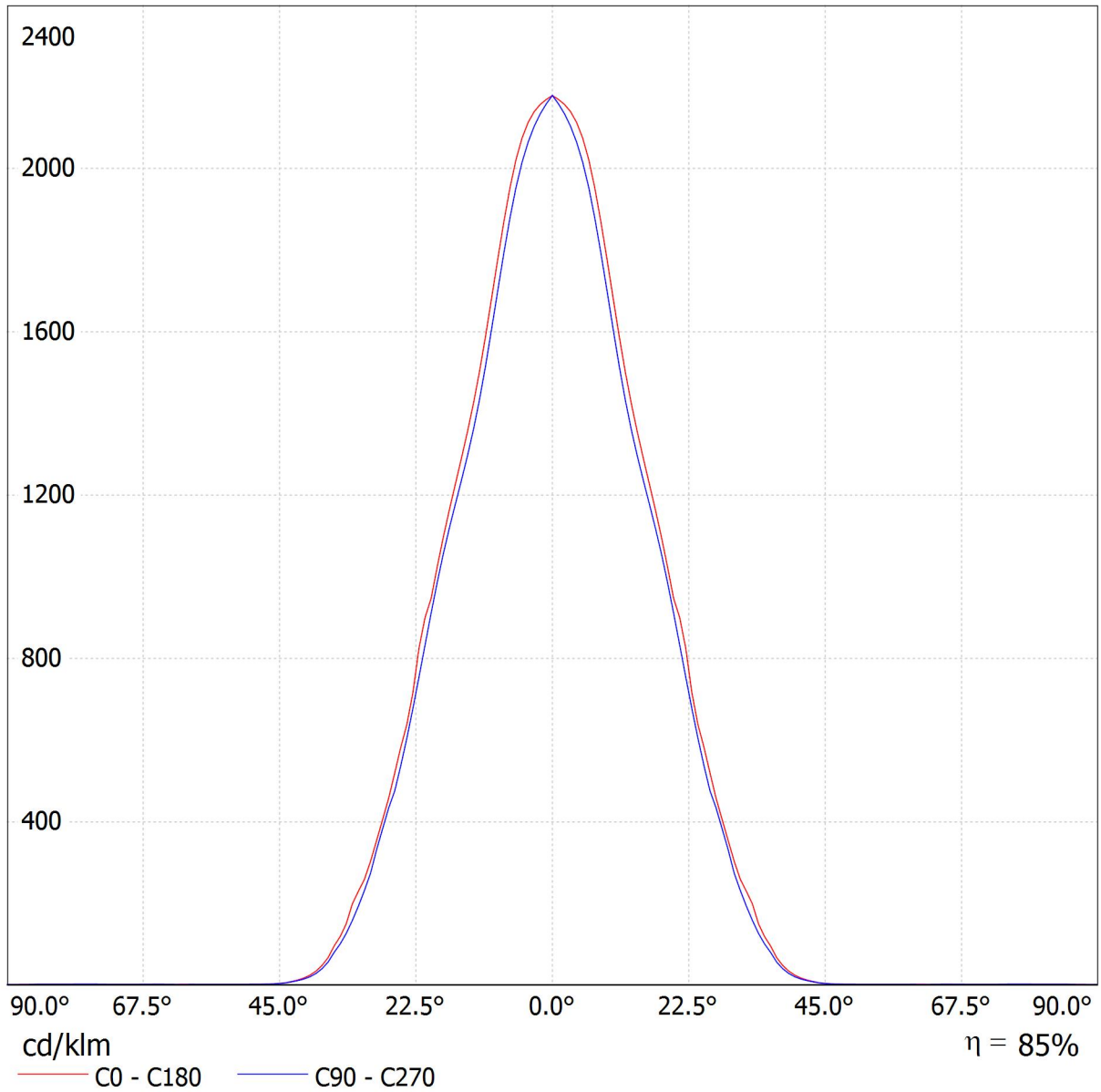


GlacialTech Inc.  
<http://www.glaciallight.com>  
7F, No.352, Sec. 2, Zhongshan Rd., Zhonghe Dist., New Taipei  
City, Taiwan, 235, R.O.C.

Operator GlacialLight R&D Department  
Telephone +886 2 2244-1227  
Fax +886 2 2244-1228  
e-Mail [sales@GlacialLight.com](mailto:sales@GlacialLight.com)

### GlacialLight GL-CFD06Dx-35-NL-NW-4000K-40D / LDC (Linear)

Luminaire: GlacialLight GL-CFD06Dx-35-NL-NW-4000K-40D  
Lamps: 1 x Feature Light



GlacialTech Inc.  
 http://www.glaciallight.com  
 7F, No.352, Sec. 2, Zhongshan Rd., Zhonghe Dist., New Taipei  
 City, Taiwan, 235, R.O.C.

Operator GlacialLight R&D Department  
 Telephone +886 2 2244-1227  
 Fax +886 2 2244-1228  
 e-Mail sales@GlacialLight.com

### GlacialLight GL-CFD06Dx-35-NL-NW-4000K-40D / UGR-Table

Luminaire: GlacialLight GL-CFD06Dx-35-NL-NW-4000K-40D  
 Lamps: 1 x Feature 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	7.3	8.0	7.6	8.2	8.4	6.8	7.5	7.1	7.7	7.9
	3H	7.2	7.8	7.5	8.1	8.3	6.8	7.3	7.0	7.6	7.8
	4H	7.2	7.8	7.5	8.0	8.3	6.7	7.3	7.0	7.5	7.8
	6H	7.2	7.7	7.5	8.0	8.3	6.7	7.3	7.1	7.5	7.8
	8H	7.2	7.7	7.5	8.0	8.3	6.8	7.2	7.1	7.5	7.8
	12H	7.2	7.7	7.6	8.0	8.3	6.8	7.3	7.1	7.6	7.9
4H	2H	7.1	7.7	7.4	7.9	8.2	6.7	7.2	7.0	7.5	7.7
	3H	7.1	7.5	7.4	7.8	8.1	6.6	7.1	6.9	7.4	7.7
	4H	7.1	7.5	7.4	7.8	8.1	6.6	7.0	7.0	7.3	7.7
	6H	7.1	7.5	7.5	7.8	8.2	6.7	7.0	7.1	7.3	7.7
	8H	7.2	7.5	7.6	7.8	8.2	6.7	7.0	7.1	7.4	7.8
	12H	7.2	7.5	7.7	7.9	8.3	6.8	7.0	7.2	7.4	7.9
8H	4H	7.0	7.3	7.4	7.7	8.1	6.5	6.8	6.9	7.2	7.6
	6H	7.1	7.3	7.5	7.7	8.2	6.6	6.9	7.1	7.3	7.7
	8H	7.2	7.4	7.7	7.8	8.3	6.8	6.9	7.2	7.4	7.8
	12H	7.3	7.5	7.8	7.9	8.4	6.9	7.1	7.4	7.5	8.0
12H	4H	7.0	7.2	7.4	7.6	8.0	6.5	6.8	6.9	7.2	7.6
	6H	7.1	7.3	7.5	7.7	8.2	6.6	6.8	7.1	7.3	7.7
	8H	7.2	7.3	7.7	7.8	8.3	6.8	6.9	7.3	7.4	7.9
Variation of the observer position for the luminaire distances S											
S = 1.0H		+6.1 / -5.6					+5.9 / -5.3				
S = 1.5H		+8.9 / -5.9					+8.7 / -5.5				
S = 2.0H		+10.9 / -6.4					+10.7 / -6.0				
Standard table		BK01					BK01				
Correction Summand		-11.3					-11.8				
Corrected Glare Indices referring to 2300lm Total Luminous Flux											

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

GlacialTech Inc.  
 http://www.glaciallight.com  
 7F, No.352, Sec. 2, Zhongshan Rd., Zhonghe Dist., New Taipei  
 City, Taiwan, 235, R.O.C.

Operator GlacialLight R&D Department  
 Telephone +886 2 2244-1227  
 Fax +886 2 2244-1228  
 e-Mail sales@GlacialLight.com

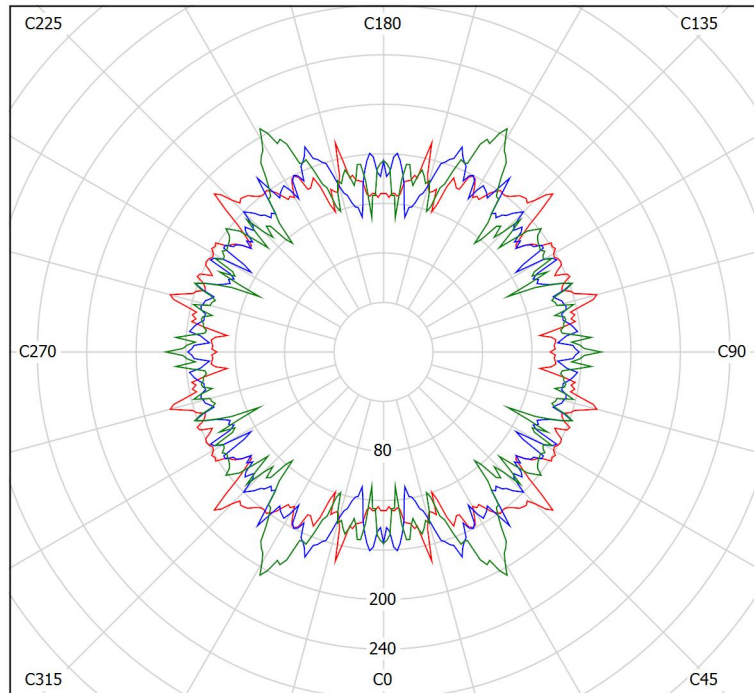
## GlacialLight GL-CFD06Dx-35-NL-NW-4000K-40D / Glare Data Sheet

Luminaire: GlacialLight GL-CFD06Dx-35-NL-NW-4000K-40D

Lamps: 1 x Feature 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	7.3	8.0	7.6	8.2	8.4	6.8	7.5	7.1	7.7	7.9
	3H	7.2	7.8	7.5	8.1	8.3	6.8	7.3	7.0	7.6	7.8
	4H	7.2	7.8	7.5	8.0	8.3	6.7	7.3	7.0	7.5	7.8
	6H	7.2	7.7	7.5	8.0	8.3	6.7	7.3	7.1	7.5	7.8
	8H	7.2	7.7	7.5	8.0	8.3	6.8	7.2	7.1	7.5	7.8
	12H	7.2	7.7	7.6	8.0	8.3	6.8	7.3	7.1	7.6	7.9
4H	2H	7.1	7.7	7.4	7.9	8.2	6.7	7.2	7.0	7.5	7.7
	3H	7.1	7.5	7.4	7.8	8.1	6.6	7.1	6.9	7.4	7.7
	4H	7.1	7.5	7.4	7.8	8.1	6.6	7.0	7.0	7.3	7.7
	6H	7.1	7.5	7.5	7.8	8.2	6.7	7.0	7.1	7.3	7.7
	8H	7.2	7.5	7.6	7.8	8.2	6.7	7.0	7.1	7.4	7.8
	12H	7.2	7.5	7.7	7.9	8.3	6.8	7.0	7.2	7.4	7.9
8H	4H	7.0	7.3	7.4	7.7	8.1	6.5	6.8	6.9	7.2	7.6
	6H	7.1	7.3	7.5	7.7	8.2	6.6	6.9	7.1	7.3	7.7
	8H	7.2	7.4	7.7	7.8	8.3	6.8	6.9	7.2	7.4	7.8
	12H	7.3	7.5	7.8	7.9	8.4	6.9	7.1	7.4	7.5	8.0
12H	4H	7.0	7.2	7.4	7.6	8.0	6.5	6.8	6.9	7.2	7.6
	6H	7.1	7.3	7.5	7.7	8.2	6.6	6.8	7.1	7.3	7.7
	8H	7.2	7.3	7.7	7.8	8.3	6.8	6.9	7.3	7.4	7.9
Variation of the observer position for the luminaire distances S											
S = 1.0H	+6.1 / -5.6					+5.9 / -5.3					
S = 1.5H	+8.9 / -5.9					+8.7 / -5.5					
S = 2.0H	+10.9 / -6.4					+10.7 / -6.0					
Standard table	BK01					BK01					
Correction Summand	-11.3					-11.8					
Corrected Glare Indices referring to 2300lm Total Luminous Flux											

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



cd/m<sup>2</sup>  
 — g = 55.0° — g = 65.0° — g = 75.0°