

<http://www.glaciallight.com>

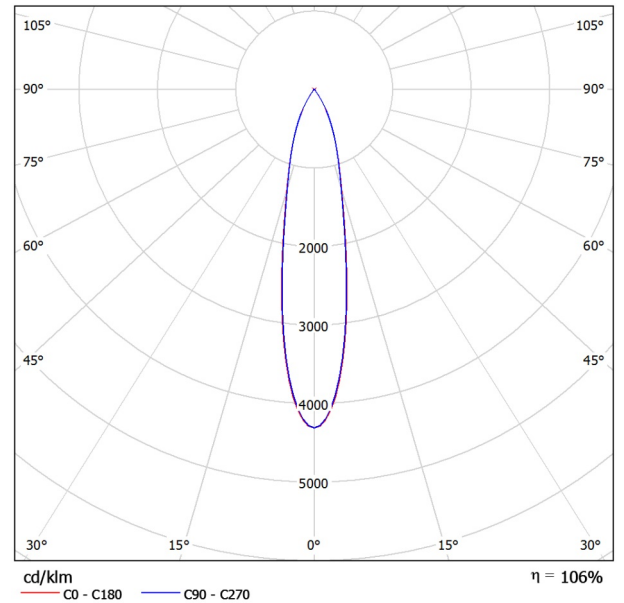
7F, No.352, Sec. 2, Zhongshan Rd., Zhonghe Dist., New Taipei City, Taiwan, 235, R.O.C.

Operator  
Telephone +886 2 2244-1227  
Fax +886 2 2244-1241  
e-Mail [sales@GlacialLight.com](mailto:sales@GlacialLight.com)

## GlacialLight GL-TSL30-WW-3000K-20D-Lens / 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: 97 98 99 100 110

### 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	7.5	8.2	8.3	6.6	7.3	6.9	7.5	7.7
	3H	7.5	8.1	7.8	8.4	8.6	6.9	7.5	7.2	7.7	8.0
	4H	7.6	8.2	7.9	8.4	8.7	7.0	7.6	7.3	7.9	8.1
	6H	7.8	8.4	8.1	8.6	8.9	7.2	7.8	7.5	8.0	8.3
	8H	7.9	8.5	8.3	8.7	9.0	7.3	7.9	7.7	8.1	8.4
4H	12H	8.1	8.5	8.4	8.8	9.2	7.5	8.0	7.8	8.3	8.6
	2H	7.2	7.8	7.5	8.1	8.3	6.6	7.2	6.9	7.4	7.7
	3H	7.5	8.0	7.9	8.3	8.6	7.0	7.5	7.3	7.8	8.1
	4H	7.7	8.1	8.1	8.5	8.8	7.2	7.6	7.6	7.9	8.3
	6H	8.1	8.4	8.5	8.8	9.2	7.6	7.9	7.9	8.3	8.6
8H	8H	8.3	8.6	8.7	9.0	9.4	7.8	8.1	8.2	8.5	8.9
	12H	8.5	8.8	8.9	9.2	9.6	8.0	8.3	8.5	8.7	9.1
	4H	7.8	8.1	8.2	8.5	8.9	7.3	7.6	7.7	8.0	8.4
	6H	8.3	8.5	8.7	8.9	9.3	7.8	8.0	8.2	8.4	8.9
	8H	8.6	8.8	9.0	9.2	9.7	8.1	8.3	8.6	8.8	9.2
12H	12H	8.9	9.0	9.4	9.5	10.0	8.5	8.7	9.0	9.1	9.6
	4H	7.8	8.0	8.2	8.4	8.9	7.3	7.5	7.7	7.9	8.4
	6H	8.3	8.5	8.8	8.9	9.4	7.8	8.0	8.3	8.5	8.9
8H	8.6	8.8	9.1	9.3	9.8	8.2	8.4	8.7	8.9	9.4	
Variation of the observer position for the luminaire distances S											
S = 1.0H	+4.4 / -2.2					+4.0 / -1.9					
S = 1.5H	+6.9 / -2.2					+6.5 / -2.0					
S = 2.0H	+8.9 / -2.7					+8.5 / -2.2					
Standard table	BK02					BK03					
Correction Summand	-9.3					-9.5					
Corrected Glare Indices referring to 2600lm Total Luminous Flux											

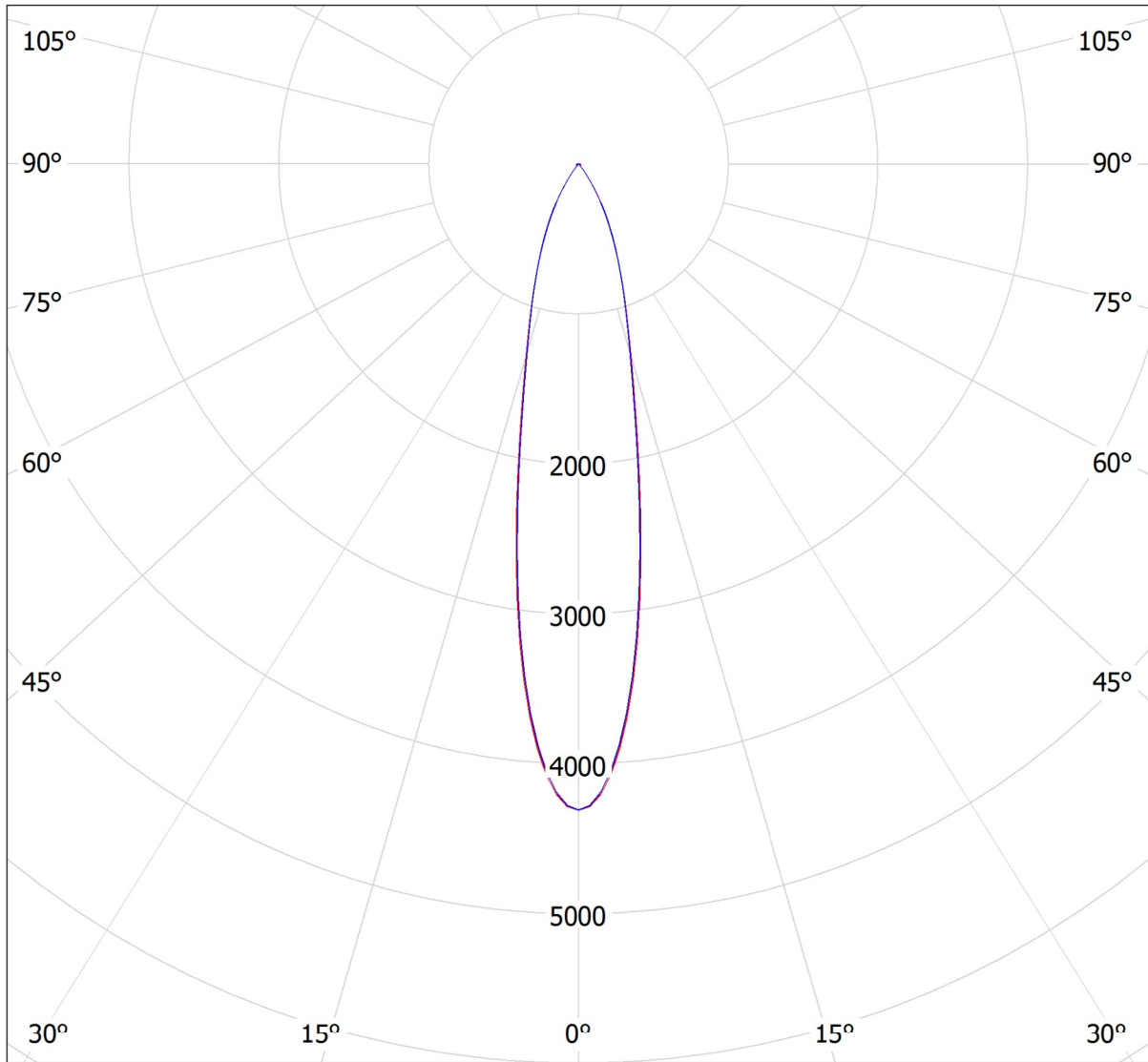
<http://www.glaciallight.com>

7F, No.352, Sec. 2, Zhongshan Rd., Zhonghe Dist., New Taipei City,  
Taiwan, 235, R.O.C.

Operator  
Telephone +886 2 2244-1227  
Fax +886 2 2244-1241  
e-Mail [sales@GlacialLight.com](mailto:sales@GlacialLight.com)

## GlacialLight GL-TSL30-WW-3000K-20D-Lens / LDC (Polar)

Luminaire: GlacialLight GL-TSL30-WW-3000K-20D-Lens  
Lamps: 1 x Track Spot Light



cd/klm

— C0 - C180

— C90 - C270

$\eta = 106\%$

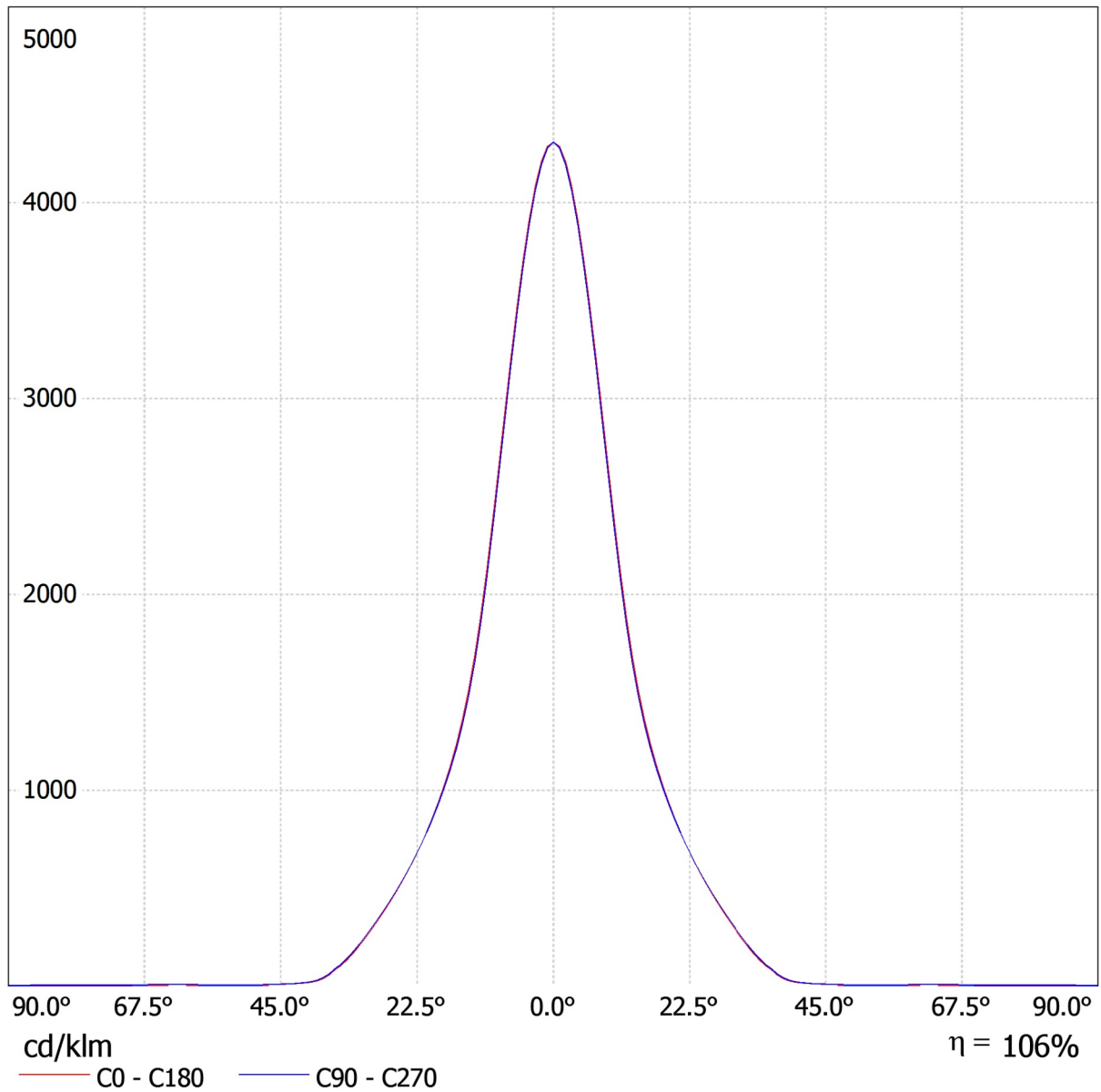
<http://www.glaciallight.com>

7F, No.352, Sec. 2, Zhongshan Rd., Zhonghe Dist., New Taipei City,  
Taiwan, 235, R.O.C.

Operator  
Telephone +886 2 2244-1227  
Fax +886 2 2244-1241  
e-Mail [sales@GlacialLight.com](mailto:sales@GlacialLight.com)

### GlacialLight GL-TSL30-WW-3000K-20D-Lens / LDC (Linear)

Luminaire: GlacialLight GL-TSL30-WW-3000K-20D-Lens  
Lamps: 1 x Track Spot Light



http://www.glaciallight.com

7F, No.352, Sec. 2, Zhongshan Rd., Zhonghe Dist., New Taipei City,  
Taiwan, 235, R.O.C.

Operator  
Telephone +886 2 2244-1227  
Fax +886 2 2244-1241  
e-Mail sales@GlacialLight.com

## GlacialLight GL-TSL30-WW-3000K-20D-Lens / UGR-Table

Luminaire: GlacialLight GL-TSL30-WW-3000K-20D-Lens  
Lamps: 1 x Track Spot 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	7.5	8.2	8.3	6.6	7.3	6.9	7.5	7.7
	3H	7.5	8.1	7.8	8.4	8.6	6.9	7.5	7.2	7.7	8.0
	4H	7.6	8.2	7.9	8.4	8.7	7.0	7.6	7.3	7.9	8.1
	6H	7.8	8.4	8.1	8.6	8.9	7.2	7.8	7.5	8.0	8.3
	8H	7.9	8.5	8.3	8.7	9.0	7.3	7.9	7.7	8.1	8.4
	12H	8.1	8.5	8.4	8.8	9.2	7.5	8.0	7.8	8.3	8.6
4H	2H	7.2	7.8	7.5	8.1	8.3	6.6	7.2	6.9	7.4	7.7
	3H	7.5	8.0	7.9	8.3	8.6	7.0	7.5	7.3	7.8	8.1
	4H	7.7	8.1	8.1	8.5	8.8	7.2	7.6	7.6	7.9	8.3
	6H	8.1	8.4	8.5	8.8	9.2	7.6	7.9	7.9	8.3	8.6
	8H	8.3	8.6	8.7	9.0	9.4	7.8	8.1	8.2	8.5	8.9
	12H	8.5	8.8	8.9	9.2	9.6	8.0	8.3	8.5	8.7	9.1
8H	4H	7.8	8.1	8.2	8.5	8.9	7.3	7.6	7.7	8.0	8.4
	6H	8.3	8.5	8.7	8.9	9.3	7.8	8.0	8.2	8.4	8.9
	8H	8.6	8.8	9.0	9.2	9.7	8.1	8.3	8.6	8.8	9.2
	12H	8.9	9.0	9.4	9.5	10.0	8.5	8.7	9.0	9.1	9.6
12H	4H	7.8	8.0	8.2	8.4	8.9	7.3	7.5	7.7	7.9	8.4
	6H	8.3	8.5	8.8	8.9	9.4	7.8	8.0	8.3	8.5	8.9
	8H	8.6	8.8	9.1	9.3	9.8	8.2	8.4	8.7	8.9	9.4
Variation of the observer position for the luminaire distances S											
S = 1.0H		+4.4 / -2.2					+4.0 / -1.9				
S = 1.5H		+6.9 / -2.2					+6.5 / -2.0				
S = 2.0H		+8.9 / -2.7					+8.5 / -2.2				
Standard table		BK02					BK03				
Correction Summand		-9.3					-9.5				
Corrected Glare Indices referring to 2600lm Total Luminous Flux											

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

http://www.glaciallight.com

7F, No.352, Sec. 2, Zhongshan Rd., Zhonghe Dist., New Taipei City, Taiwan, 235, R.O.C.

Operator  
Telephone +886 2 2244-1227  
Fax +886 2 2244-1241  
e-Mail sales@GlacialLight.com

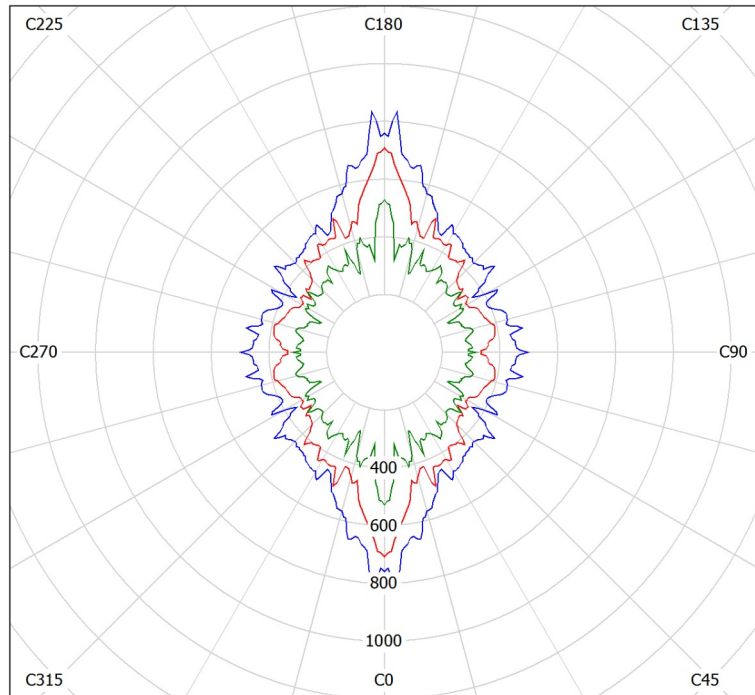
## GlacialLight GL-TSL30-WW-3000K-20D-Lens / Glare Data Sheet

Luminaire: GlacialLight GL-TSL30-WW-3000K-20D-Lens

Lamps: 1 x Track Spot 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	7.5	8.2	8.3	6.6	7.3	6.9	7.5	7.7
	3H	7.5	8.1	7.8	8.4	8.6	6.9	7.5	7.2	7.7	8.0
	4H	7.6	8.2	7.9	8.4	8.7	7.0	7.6	7.3	7.9	8.1
	6H	7.8	8.4	8.1	8.6	8.9	7.2	7.8	7.5	8.0	8.3
	8H	7.9	8.5	8.3	8.7	9.0	7.3	7.9	7.7	8.1	8.4
4H	12H	8.1	8.5	8.4	8.8	9.2	7.5	8.0	7.8	8.3	8.6
	2H	7.2	7.8	7.5	8.1	8.3	6.6	7.2	6.9	7.4	7.7
	3H	7.5	8.0	7.9	8.3	8.6	7.0	7.5	7.3	7.8	8.1
	4H	7.7	8.1	8.1	8.5	8.8	7.2	7.6	7.6	7.9	8.3
	6H	8.1	8.4	8.5	8.8	9.2	7.6	7.9	7.9	8.3	8.6
8H	8H	8.3	8.6	8.7	9.0	9.4	7.8	8.1	8.2	8.5	8.9
	12H	8.5	8.8	8.9	9.2	9.6	8.0	8.3	8.5	8.7	9.1
	4H	7.8	8.1	8.2	8.5	8.9	7.3	7.6	7.7	8.0	8.4
	6H	8.3	8.5	8.7	8.9	9.3	7.8	8.0	8.2	8.4	8.9
	8H	8.6	8.8	9.0	9.2	9.7	8.1	8.3	8.6	8.8	9.2
12H	12H	8.9	9.0	9.4	9.5	10.0	8.5	8.7	9.0	9.1	9.6
	4H	7.8	8.0	8.2	8.4	8.9	7.3	7.5	7.7	7.9	8.4
	6H	8.3	8.5	8.8	8.9	9.4	7.8	8.0	8.3	8.5	8.9
	8H	8.6	8.8	9.1	9.3	9.8	8.2	8.4	8.7	8.9	9.4
	8H	8.6	8.8	9.1	9.3	9.8	8.2	8.4	8.7	8.9	9.4
Variation of the observer position for the luminaire distances S											
S = 1.0H	+4.4 / -2.2					+4.0 / -1.9					
S = 1.5H	+6.9 / -2.2					+6.5 / -2.0					
S = 2.0H	+8.9 / -2.7					+8.5 / -2.2					
Standard table	BK02					BK03					
Correction Summand	-9.3					-9.5					
Corrected Glare Indices referring to 2600lm 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°