DIALux
26.03.2014

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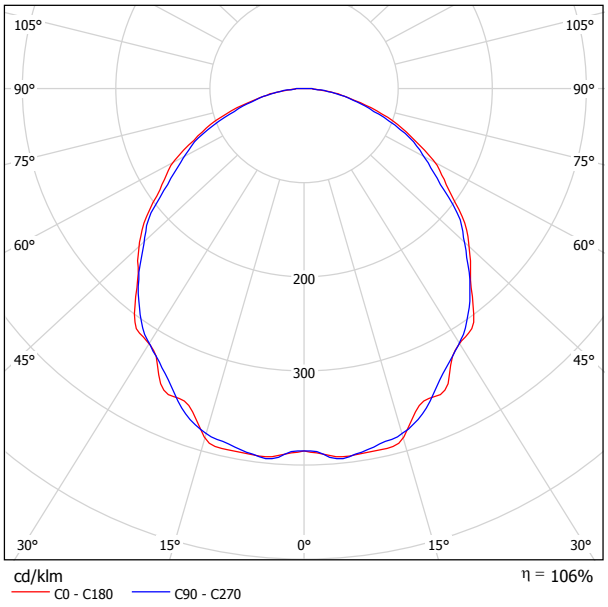
GlacialLight TL0606(50W)-WW-3000K-110D / Luminaire Data Sheet

See our luminaire catalog for an image of the luminaire.

Luminous emittance 1:



Luminaire classification according to CIE: 100
CIE flux code: 49 80 96 100 106

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	16.3	17.6	16.6	17.8	18.0	16.1	17.4	16.4	17.6	17.9
	3H	17.7	18.9	18.1	19.2	19.4	17.5	18.7	17.8	18.9	19.2
	4H	18.3	19.4	18.6	19.7	20.0	18.0	19.1	18.3	19.4	19.7
	6H	18.7	19.7	19.0	20.0	20.3	18.4	19.4	18.7	19.7	20.0
	8H	18.8	19.8	19.1	20.1	20.4	18.5	19.5	18.9	19.8	20.1
	12H	18.8	19.8	19.2	20.1	20.4	18.6	19.5	18.9	19.8	20.2
4H	2H	16.9	18.0	17.2	18.2	18.5	16.7	17.8	17.1	18.1	18.4
	3H	18.5	19.4	18.9	19.7	20.1	18.3	19.2	18.7	19.6	19.9
	4H	19.2	20.0	19.6	20.3	20.7	18.9	19.8	19.3	20.1	20.5
	6H	19.6	20.4	20.0	20.7	21.1	19.4	20.2	19.8	20.5	20.9
	8H	19.8	20.4	20.2	20.8	21.2	19.6	20.3	20.0	20.6	21.1
	12H	19.9	20.5	20.3	20.9	21.3	19.7	20.3	20.1	20.7	21.1
8H	4H	19.4	20.1	19.8	20.5	20.9	19.2	19.9	19.6	20.3	20.7
	6H	20.0	20.5	20.4	20.9	21.4	19.8	20.3	20.3	20.8	21.2
	8H	20.1	20.6	20.6	21.1	21.5	20.0	20.5	20.5	20.9	21.4
	12H	20.3	20.7	20.8	21.1	21.6	20.2	20.6	20.7	21.0	21.5
12H	4H	19.4	20.0	19.8	20.4	20.9	19.2	19.8	19.6	20.2	20.6
	6H	20.0	20.5	20.5	20.9	21.4	19.8	20.3	20.3	20.8	21.2
	8H	20.2	20.6	20.7	21.1	21.6	20.1	20.5	20.6	21.0	21.5

Variation of the observer position for the luminaire distances S

S = 1.0H S = 1.5H S = 2.0H	+0.1 / -0.1 +0.3 / -0.4 +0.5 / -0.7	+0.1 / -0.2 +0.3 / -0.5 +0.5 / -0.8
Standard table	BK05	BK05
Correction Summand	3.0	2.8

Corrected Glare Indices referring to 3500lm Total Luminous Flux

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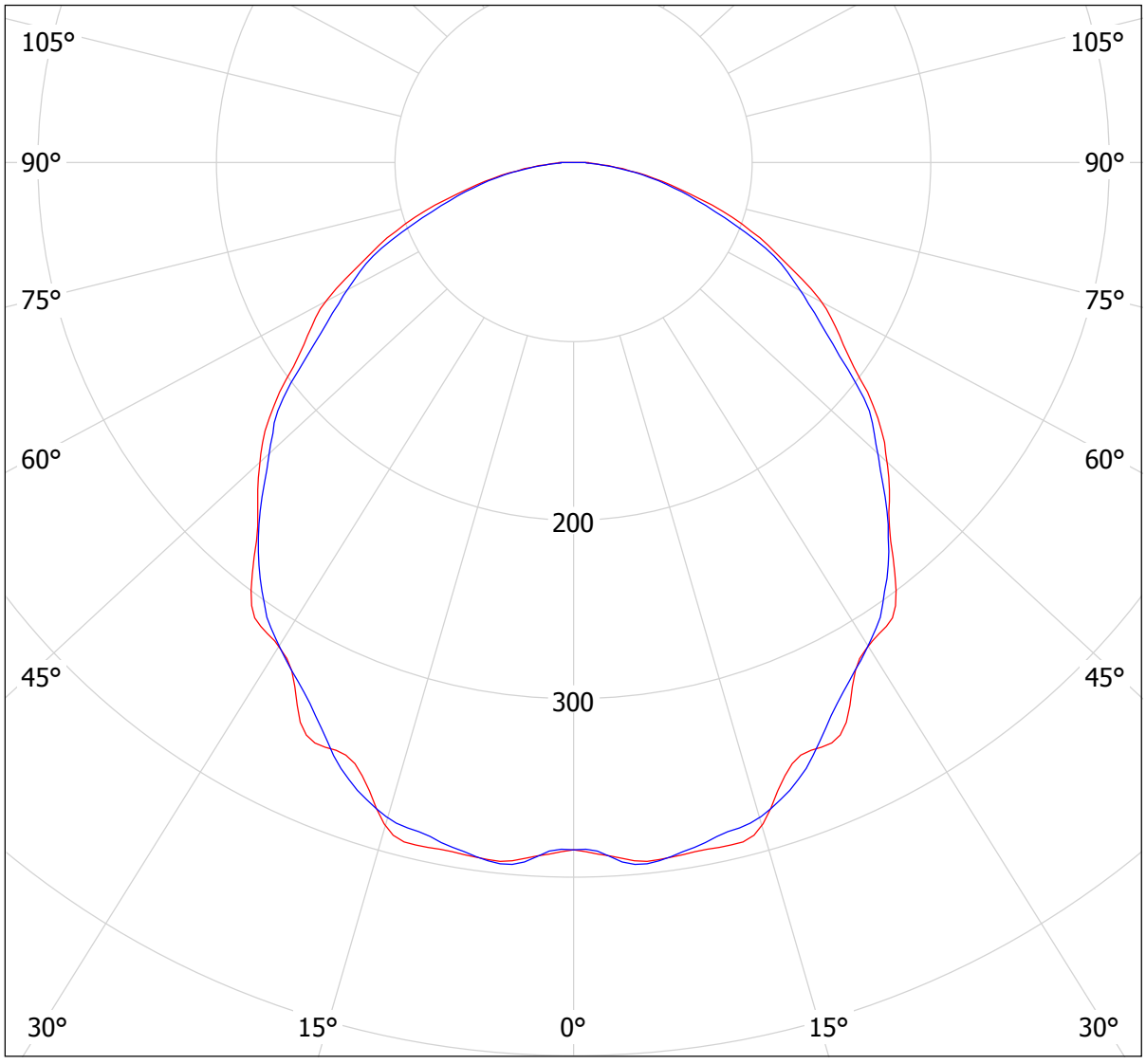
GlacialLight TL0606(50W)-WW-3000K-110D / LDC (Polar)

Luminaire: GlacialLight TL0606(50W)-WW-3000K-110D
Lamps: 1 x TrofferLight



cd/klm

η = 106%

C0 - C180 C90 - C270

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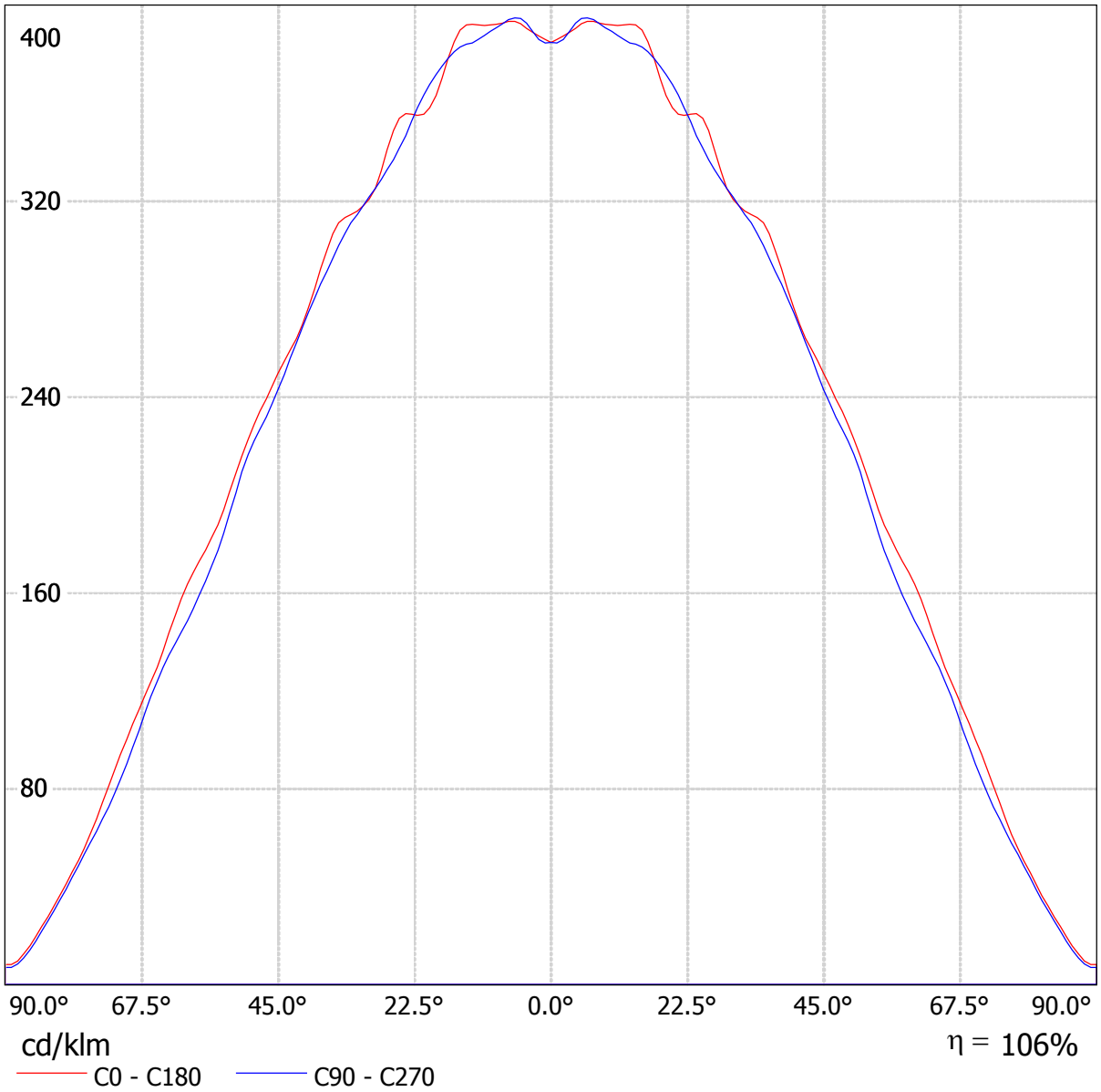
GlacialLight TL0606(50W)-WW-3000K-110D / LDC (Linear)

Luminaire: GlacialLight TL0606(50W)-WW-3000K-110D
Lamps: 1 x TrofferLight



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GlacialLight TL0606(50W)-WW-3000K-110D / UGR-Table

Luminaire: GlacialLight TL0606(50W)-WW-3000K-110D
Lamps: 1 x TrofferLight

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	16.3	17.6	16.6	17.8	18.0	16.1	17.4	16.4	17.6	17.9
	3H	17.7	18.9	18.1	19.2	19.4	17.5	18.7	17.8	18.9	19.2
	4H	18.3	19.4	18.6	19.7	20.0	18.0	19.1	18.3	19.4	19.7
	6H	18.7	19.7	19.0	20.0	20.3	18.4	19.4	18.7	19.7	20.0
	8H	18.8	19.8	19.1	20.1	20.4	18.5	19.5	18.9	19.8	20.1
	12H	18.8	19.8	19.2	20.1	20.4	18.6	19.5	18.9	19.8	20.2
4H	2H	16.9	18.0	17.2	18.2	18.5	16.7	17.8	17.1	18.1	18.4
	3H	18.5	19.4	18.9	19.7	20.1	18.3	19.2	18.7	19.6	19.9
	4H	19.2	20.0	19.6	20.3	20.7	18.9	19.8	19.3	20.1	20.5
	6H	19.6	20.4	20.0	20.7	21.1	19.4	20.2	19.8	20.5	20.9
	8H	19.8	20.4	20.2	20.8	21.2	19.6	20.3	20.0	20.6	21.1
	12H	19.9	20.5	20.3	20.9	21.3	19.7	20.3	20.1	20.7	21.1
8H	4H	19.4	20.1	19.8	20.5	20.9	19.2	19.9	19.6	20.3	20.7
	6H	20.0	20.5	20.4	20.9	21.4	19.8	20.3	20.3	20.8	21.2
	8H	20.1	20.6	20.6	21.1	21.5	20.0	20.5	20.5	20.9	21.4
	12H	20.3	20.7	20.8	21.1	21.6	20.2	20.6	20.7	21.0	21.5
12H	4H	19.4	20.0	19.8	20.4	20.9	19.2	19.8	19.6	20.2	20.6
	6H	20.0	20.5	20.5	20.9	21.4	19.8	20.3	20.3	20.8	21.2
	8H	20.2	20.6	20.7	21.1	21.6	20.1	20.5	20.6	21.0	21.5

Variation of the observer position for the luminaire distances S		
S = 1.0H	+0.1 / -0.1	+0.1 / -0.2
S = 1.5H	+0.3 / -0.4	+0.3 / -0.5
S = 2.0H	+0.5 / -0.7	+0.5 / -0.8
Standard table	BK05	BK05
Correction Summand	3.0	2.8

Corrected Glare Indices referring to 3500lm 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 TL0606(50W)-WW-3000K-110D / Glare Data Sheet

Luminaire: GlacialLight TL0606 (50W)-WW-3000K-110D

Lamps: 1 x TrofferLight

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	16.3	17.6	16.6	17.8	18.0	16.1	17.4	16.4	17.6	17.9
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	6H	18.7	19.7	19.0	20.0	20.3	18.4	19.4	18.7	19.7	20.0
	8H	18.8	19.8	19.1	20.1	20.4	18.5	19.5	18.9	19.8	20.1
	12H	18.8	19.8	19.2	20.1	20.4	18.6	19.5	18.9	19.8	20.2
4H	2H	16.9	18.0	17.2	18.2	18.5	16.7	17.8	17.1	18.1	18.4
	3H	18.5	19.4	18.9	19.7	20.1	18.3	19.2	18.7	19.6	19.9
	4H	19.2	20.0	19.6	20.3	20.7	18.9	19.8	19.3	20.1	20.5
	6H	19.6	20.4	20.0	20.7	21.1	19.4	20.2	19.8	20.5	20.9
	8H	19.8	20.4	20.2	20.8	21.2	19.6	20.3	20.0	20.6	21.1
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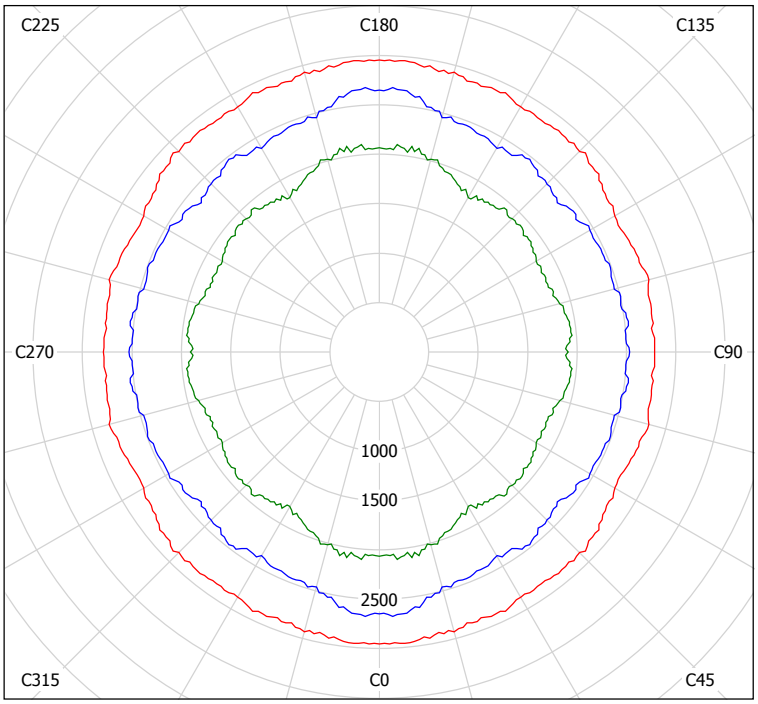
	6H	20.0	20.5	20.4	20.9	21.4	19.8	20.3	20.3	20.8	21.2
	8H	20.1	20.6	20.6	21.1	21.5	20.0	20.5	20.5	20.9	21.4
	12H	20.3	20.7	20.8	21.1	21.6	20.2	20.6	20.7	21.0	21.5
12H	4H	19.4	20.0	19.8	20.4	20.9	19.2	19.8	19.6	20.2	20.6
	6H	20.0	20.5	20.5	20.9	21.4	19.8	20.3	20.3	20.8	21.2
	8H	20.2	20.6	20.7	21.1	21.6	20.1	20.5	20.6	21.0	21.5

Variation of the observer position for the luminaire distances S		
S = 1.0H	+0.1 / -0.1	+0.1 / -0.2
S = 1.5H	+0.3 / -0.4	+0.3 / -0.5
S = 2.0H	+0.5 / -0.7	+0.5 / -0.8
Standard table	BK05	BK05
Correction Summand	3.0	2.8

Corrected Glare Indices referring to 3500lm Total Luminous Flux

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