PRODUCT DATASHEET
Barbara series
last update 19/1/2018

DETAILS



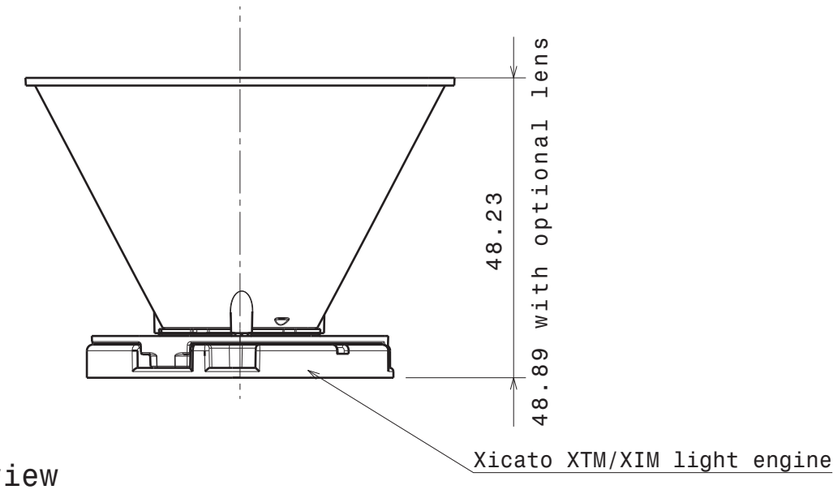
Product Number	FCN14697_BARBARA-W-PF-XTM
Family	Barbara
Type	RefPack
Color	metal
Diameter	70 mm
Height	48,2 mm
Style	round
Optic Material	
Holder Material	
Fastening	screw
Status	production ready
ROHS Compliant	Yes
Date Updated	19/01/2018

OPTICAL PROPERTIES

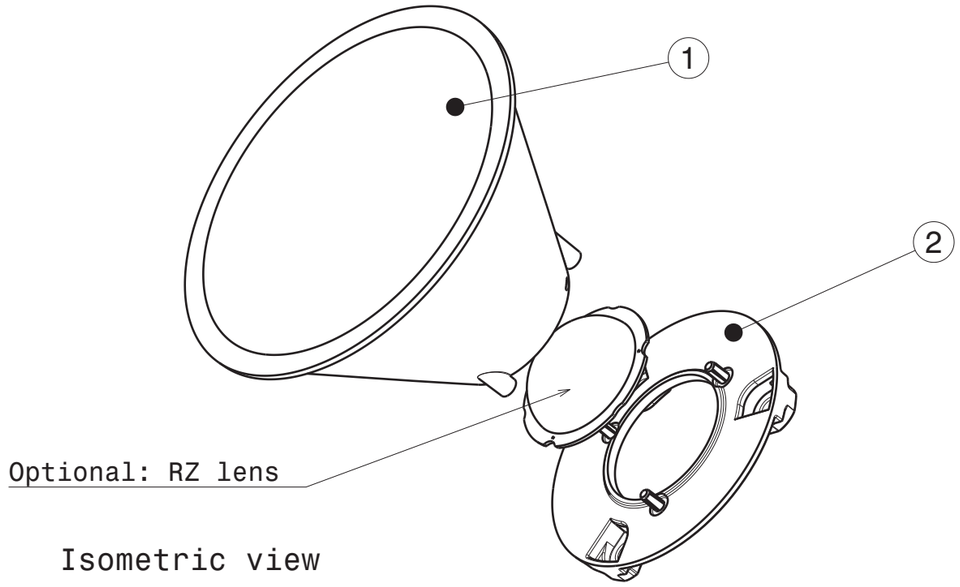
LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
XTM - 9mm LES	30 deg	Wide	89 %	2.500	LEDiL: LEDiL
XTM - 19mm LES	45 deg	Wide	86 %	1.400	LEDiL: LEDiL

Ledil Oy
Salorankatu 10
24240 SALO, Finland

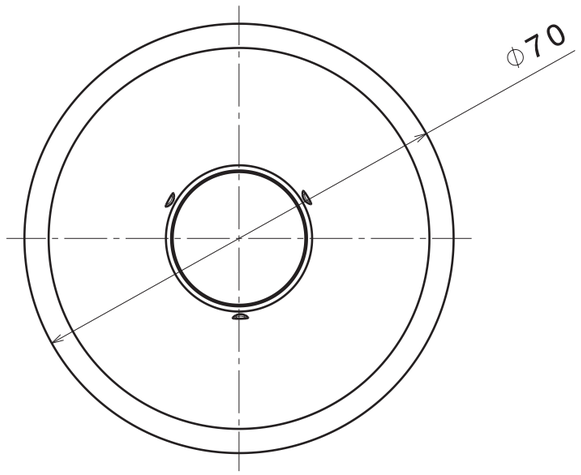
http://www.ledil.com
email: ledil@ledil.com
FAX: +358-2-733 8001



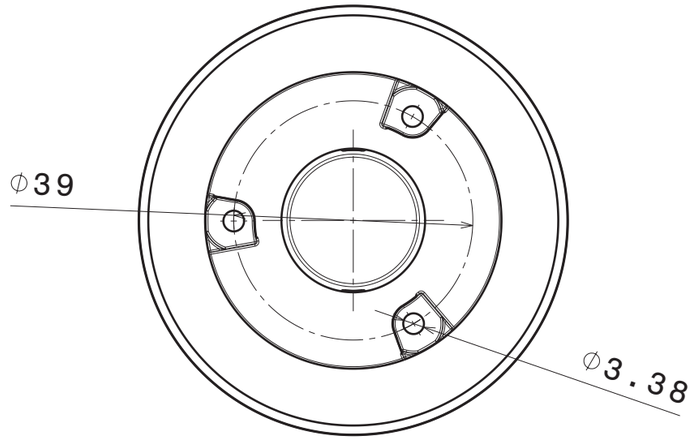
Front view



Isometric view



Top view



Bottom view

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	F13700	BARBARA-S-PF	PC	metal
1	F13701	BARBARA-W-PF	PC	metal
1	F13702	BARBARA-WW-PF	PC	metal
1	F13703	BARBARA-XW-PF	PC	white
2	C14636	XTM-PF-ADAPTER	PC	white
Optional	C14658	BARBARA-RZ-LENS	PC	clear

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
up to 30mm class M, otherwise class C
According to DIN ISO 2768-2
Form and position: class L

THIRD ANGLE PROJECTION:

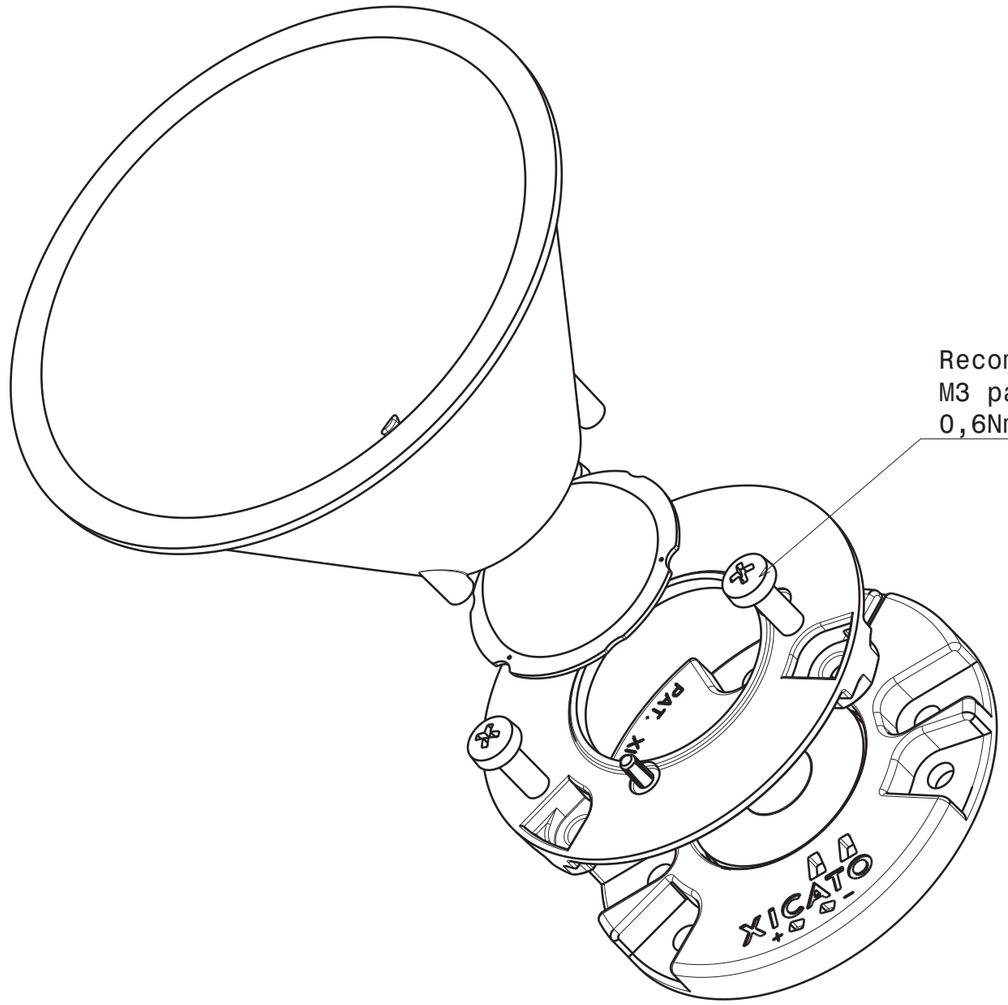
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LEDiL
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Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE
BARBARA-PF-XTM assembly datasheet

SIZE A3 | PART NUMBER -

SCALE 1:1 | WEIGHT - | SHEET 1/1



How to assemble:

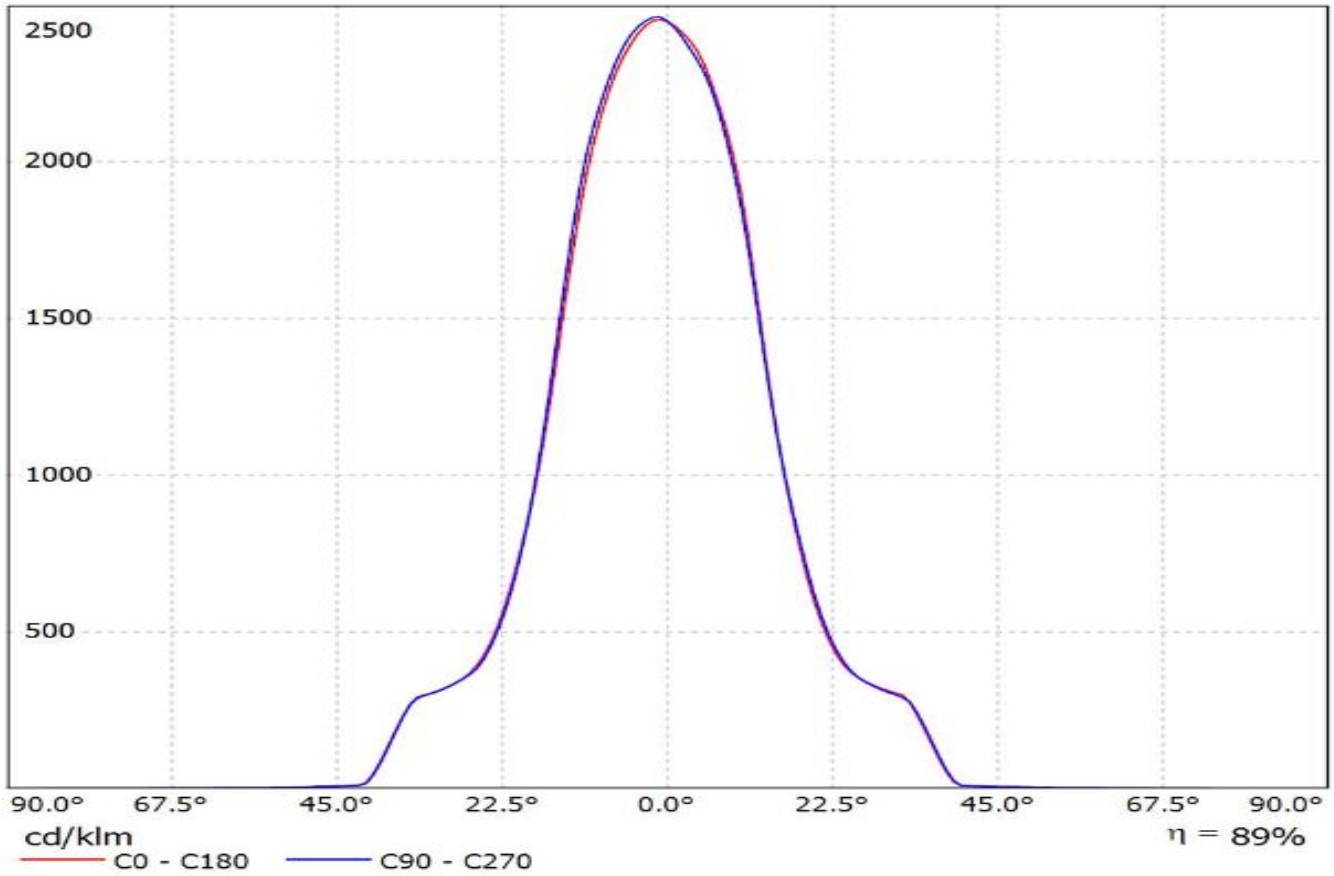
1. Screw the XTM connector and C14636_XTM-PF-ADAPTER to the heat sink.

Optional: Press the lens into the reflector bottom until it snaps into place.

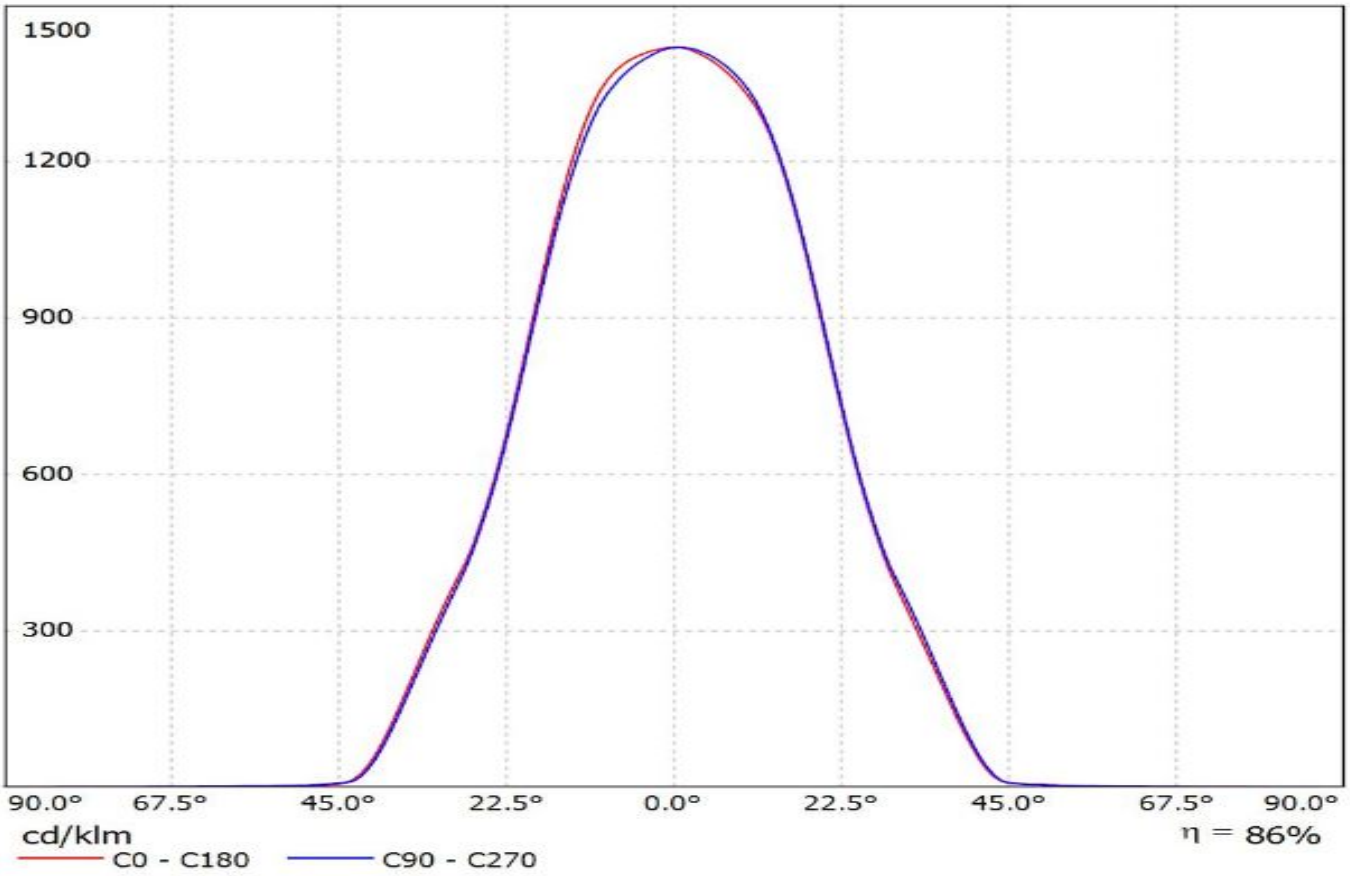
2. Press the reflector/lens combination onto the press-fit pins on the adapter.

Tolerances if not otherwise shown According to DIN ISO 2768-1 Linear measures: up to 30mm class M, otherwise class C According to DIN ISO 2768-2 Form and position: class L	LEDiL Ledil Oy Salorankatu 10 FIN 24240 SALO Finland
THIRD ANGLE PROJECTION:	DRAWING TITLE BARBARA-PF-XTM assembly instruction
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	SCALE 3:2 · WEIGHT - · SHEET 1/1

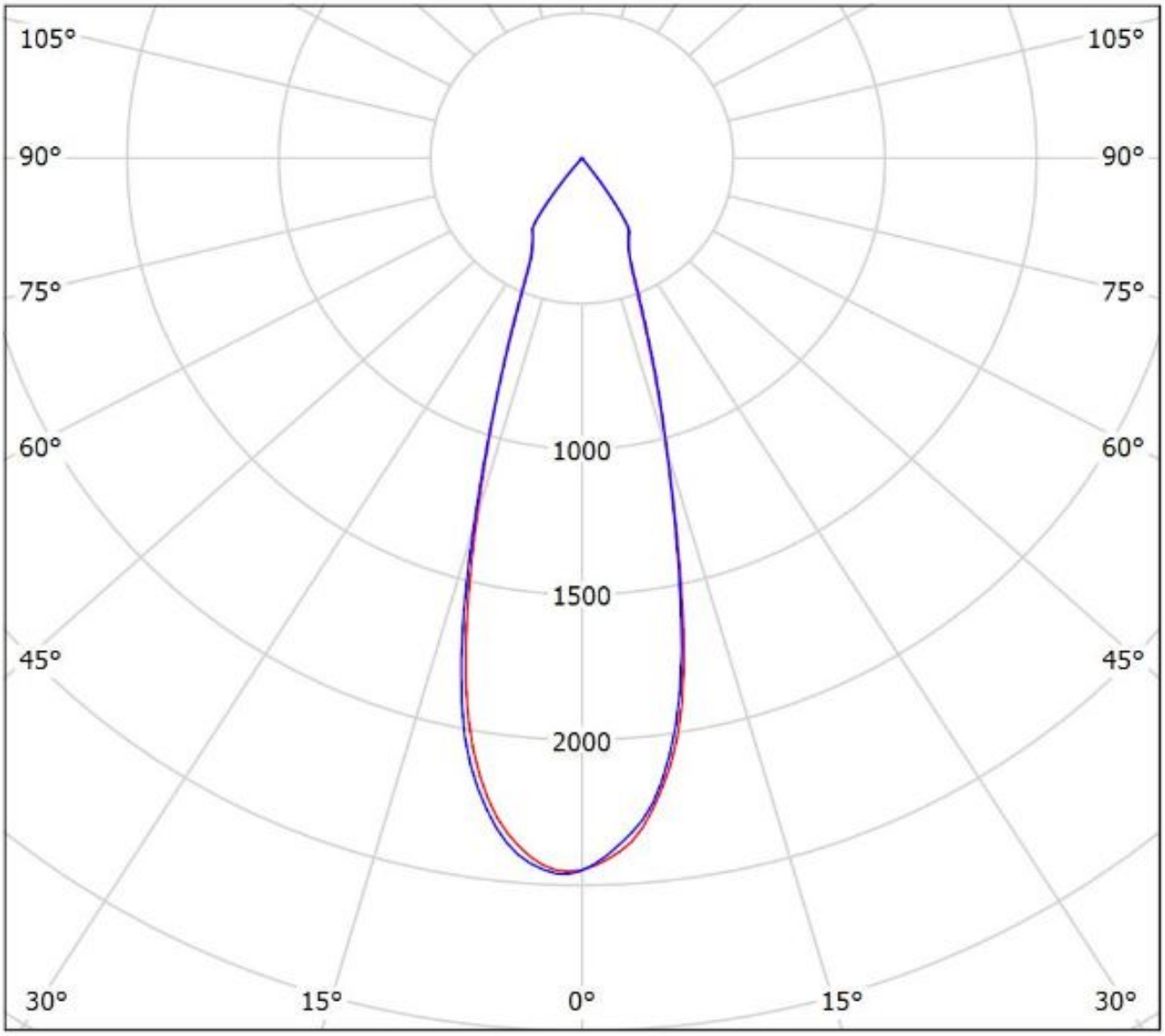
Luminaire: LEDiL Oy FCN14697_BARBARA-W-PF-XTM_(XTM09953020CCA)
Lamps: 1 x Xicato_XTM09953020CCA_471.71lm@250mA_P=6.77058W_I=0.2499A



Luminaire: LEDiL Oy FCN14697_BARBARA-W-PF-XTM_(XTM19803030CCA)
Lamps: 1 x Xicato_XTM19803030CCA_850.513lm@250mA_P=6.80105W_I=0.2499A



Luminaire: LEDiL Oy FCN14697_BARBARA-W-PF-XTM_(XTM09953020CCA)
Lamps: 1 x Xicato_XTM09953020CCA_471.71lm@250mA_P=6.77058W_I=0.2499A

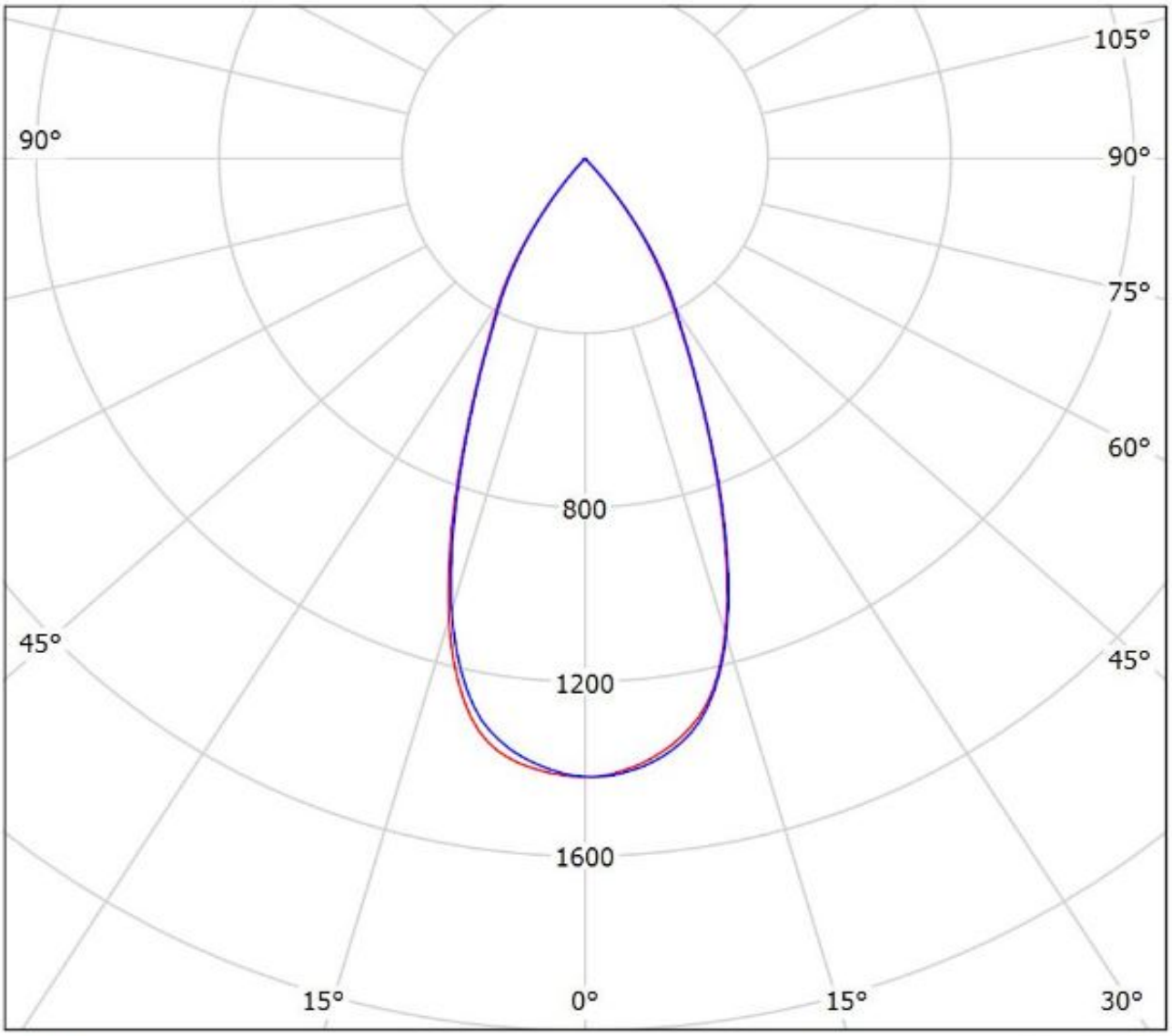


cd/klm

η = 89%

C0 - C180 C90 - C270

Luminaire: LEDiL Oy FCN14697_BARBARA-W-PF-XTM_(XTM19803030CCA)
Lamps: 1 x Xicato_XTM19803030CCA_850.513lm@250mA_P=6.80105W_I=0.2499A



cd/klm

η = 86%

C0 - C180 C90 - C270

NOTE: The typical divergence will be changed by different color, chip size and chip position tolerance. The typical total divergence is the full angle measured where the luminous intensity is half of the peak value.

GENERAL INFORMATION

- Product series especially designed & optimized for series of LEDs.
- Special care taken to make light distribution as uniform as possible.

Note! Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.