


**Ordering number C12607\_VIRPI-S**

Family	Virpi	FWHM	15 degrees
Type	Lens array	Efficiency	94 %
LED	XT-E	cd/lm	7.160
Color	Clear	Gerber File	Available
Diameter	74.9 x 74.9 mm		
Height	9.4 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	Pin, glue		
Status	Ready		


**Ordering number C12608\_VIRPI-M**

Family	Virpi	FWHM	29 degrees
Type	Lens array	Efficiency	91 %
LED	XT-E	cd/lm	2.620
Color	Clear	Gerber File	Available
Diameter	74.9 x 74.9 mm		
Height	9.4 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	Pin, glue		
Status	Ready		


**Ordering number C12609\_VIRPI-W**

Family	Virpi	FWHM	41 degrees
Type	Lens array	Efficiency	90 %
LED	XT-E	cd/lm	1.680
Color	Clear	Gerber File	Available
Diameter	74.9 x 74.9 mm		
Height	9.4 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	Pin, glue		
Status	Ready		

**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.**



## PRODUCT DATASHEET

### Virpi series

last update 8/3/2013

#### GENERAL INFORMATION

- Product series especially designed & optimized for XT-E series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Lens material optical grade PMMA with high UV and temperature resistance. Allows use of high current and temperature conditions.

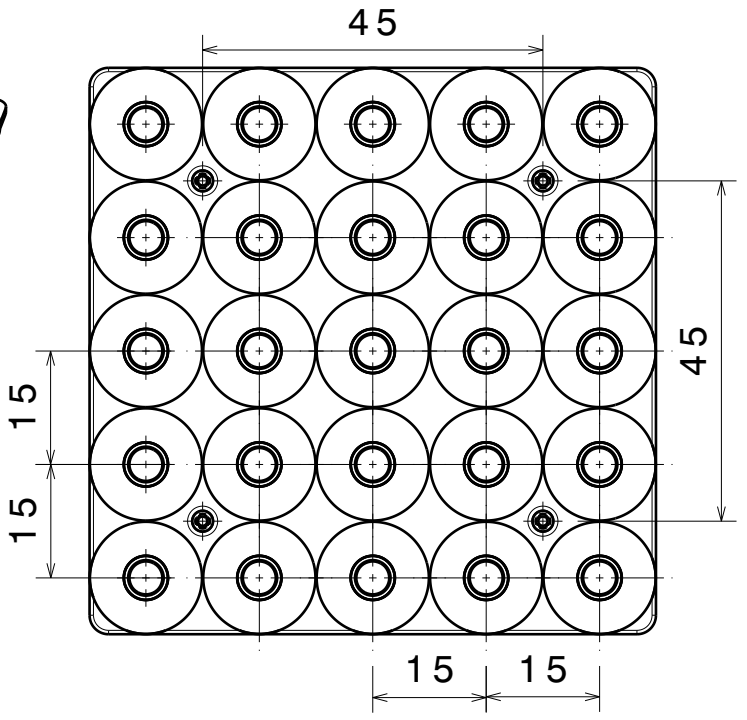
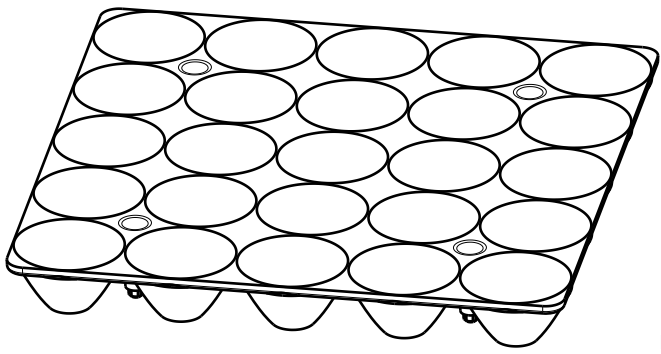
Please find more information about used material from below:

[http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94\\_Yellow%20Card.pdf](http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94_Yellow%20Card.pdf)

<http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20PLEXIGLAS-Datasheet.pdf>

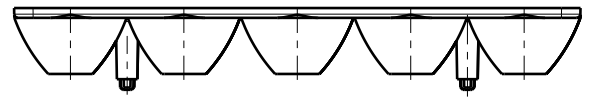
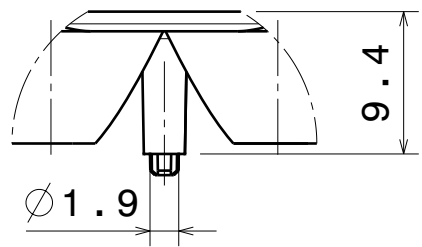
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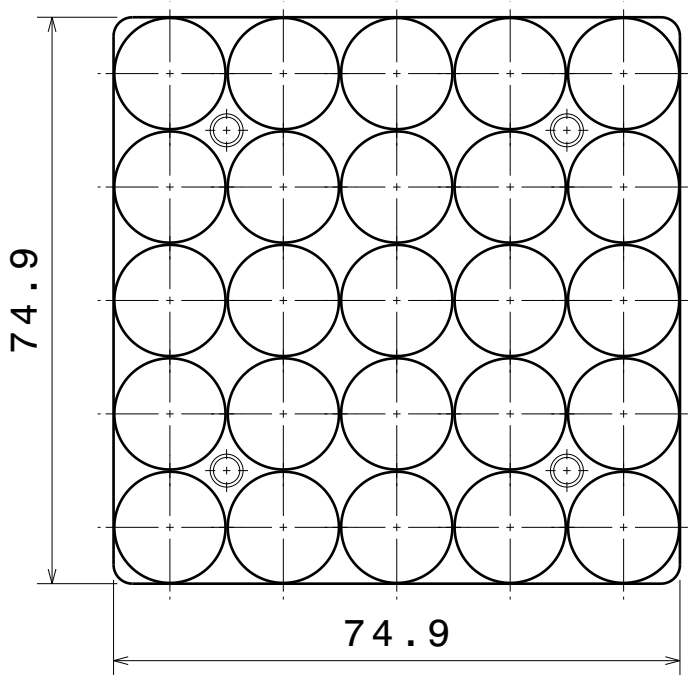
3



3

Detail A  
Scale: 2:1

2



2

Material:  
- PMMA  
Tolerances if not otherwise shown:  
According to DIN ISO 2768-1  
Linear measures:  
Up to 30mm class F, otherwise class M.  
  
According to DIN ISO 2768-2  
Form and position:  
class K

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Finland

DRAWING TITLE

Datasheet Virpi series

1

DRAWN BY pl	DATE 20.02.2012	DRAWING TITLE Datasheet Virpi series		
CHECKED BY	DATE	SIZE A4	DRAWING NUMBER -	REV 1
DESIGNED BY PL	DATE 03.02.2012	SCALE 1:1	WEIGHT (g)	SHEET 1/1

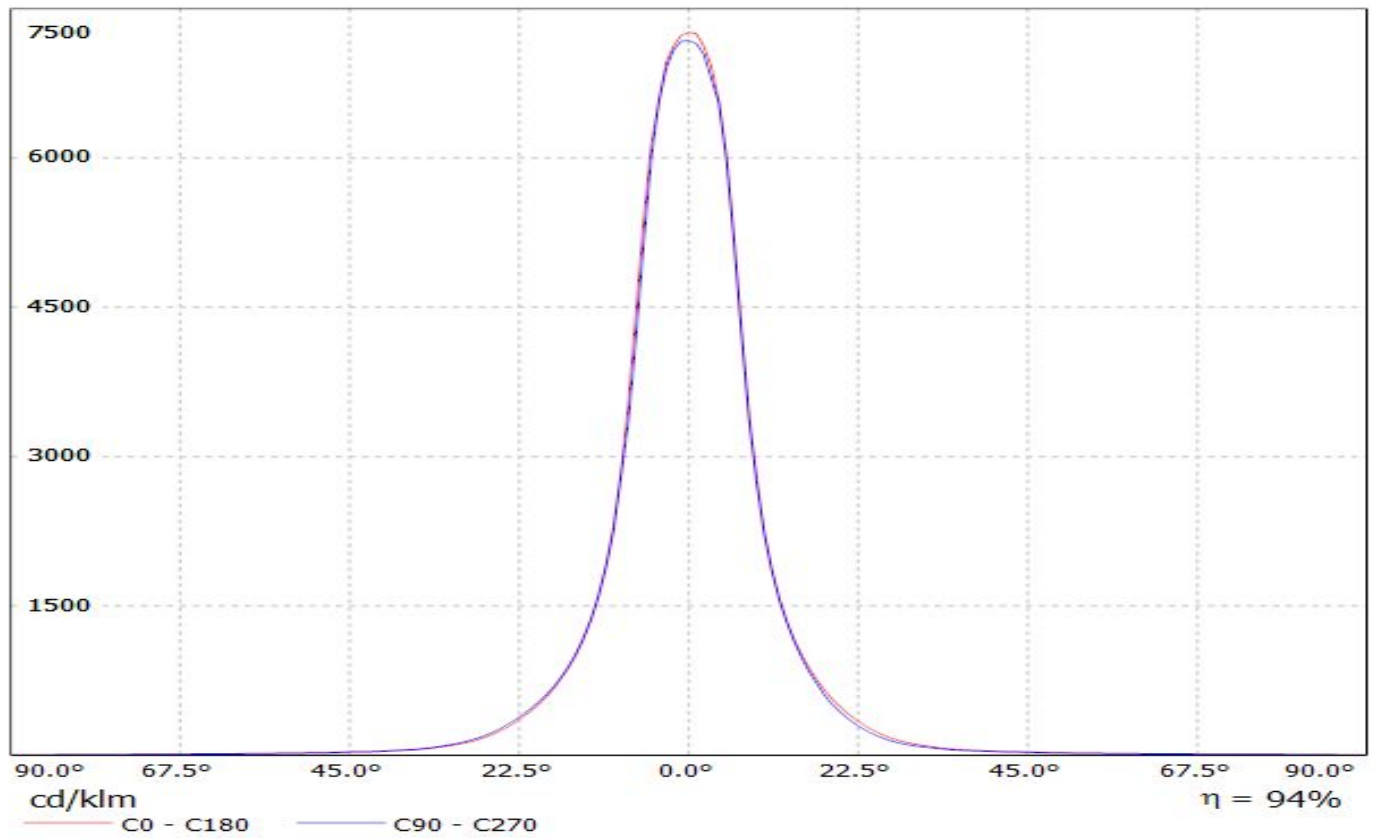
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D

A

# LEDiL Oy C12607\_VIRPI-S\_(XT-E) Eff.94.2% / LDC (Linear)

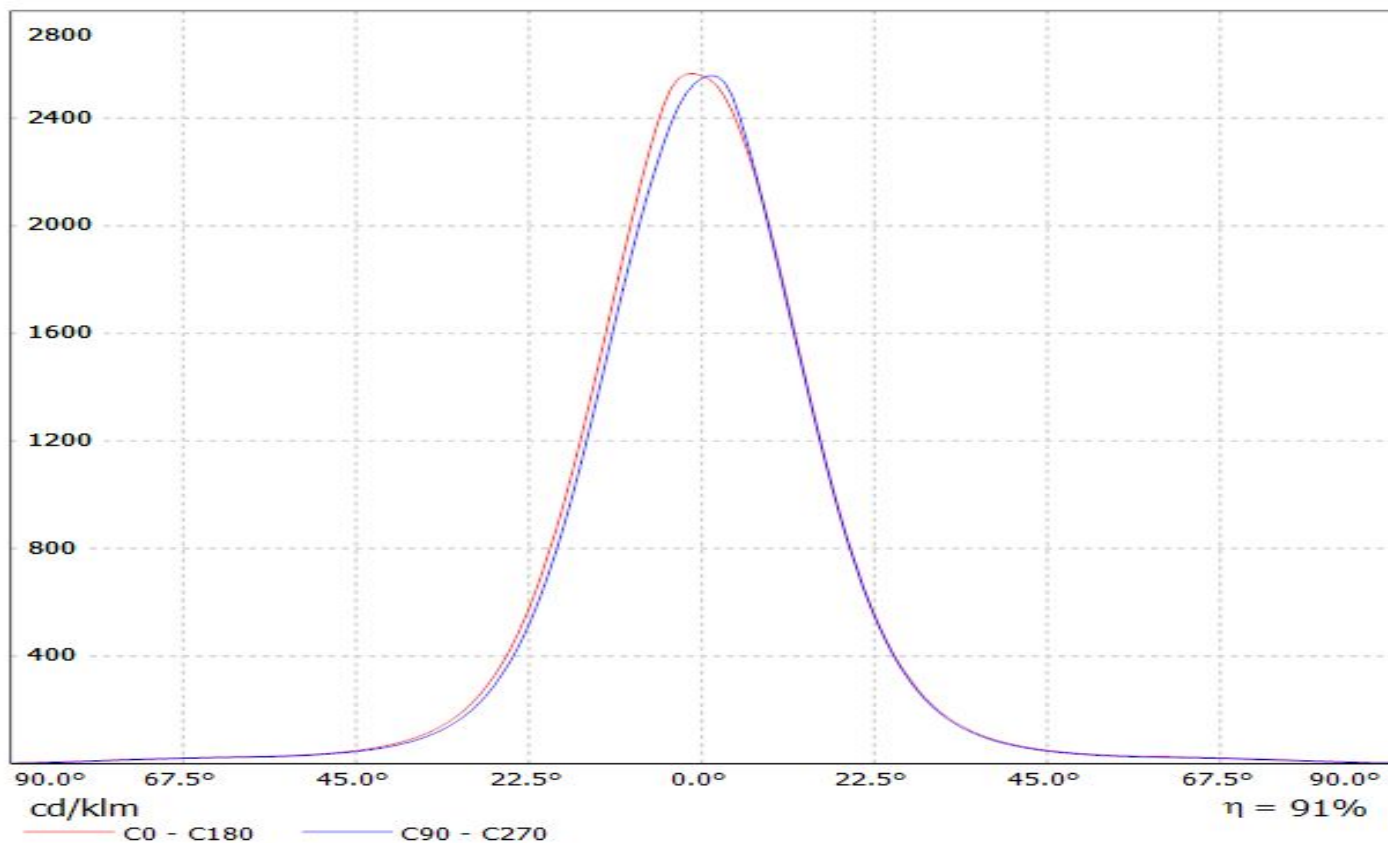
Luminaire: LEDiL Oy C12607\_VIRPI-S\_(XT-E) Eff.94.2%  
Lamps: 1 x XT-E\_5x5 (2100lm@250mA)



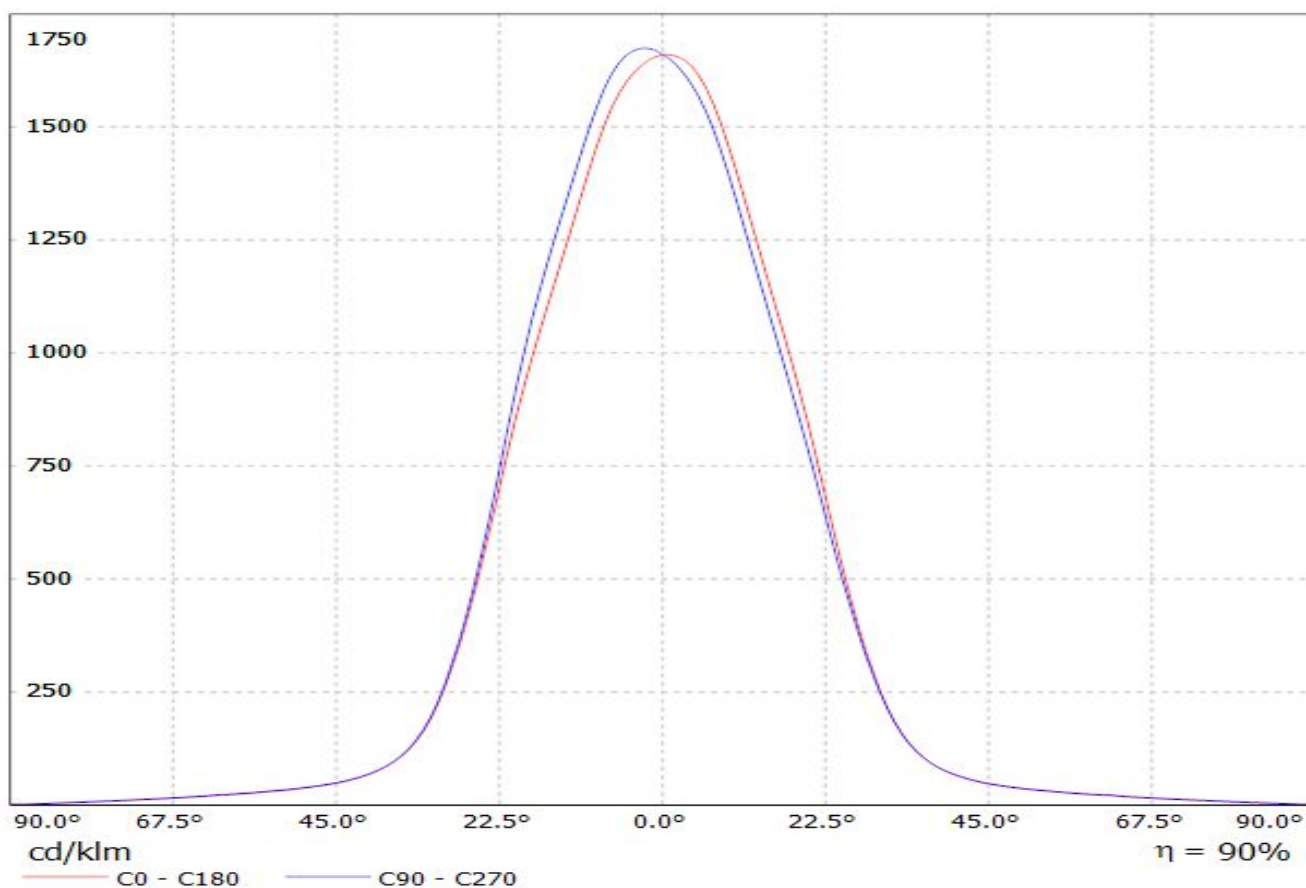
**LEDiL Oy C12608\_VIRPI-M\_(XT-E) Eff.91.0% / LDC (Linear)**

Luminaire: LEDiL Oy C12608\_VIRPI-M\_(XT-E) Eff.91.0%

Lamps: 1 x XT-E\_5x5 (2049.85lm@250mA)



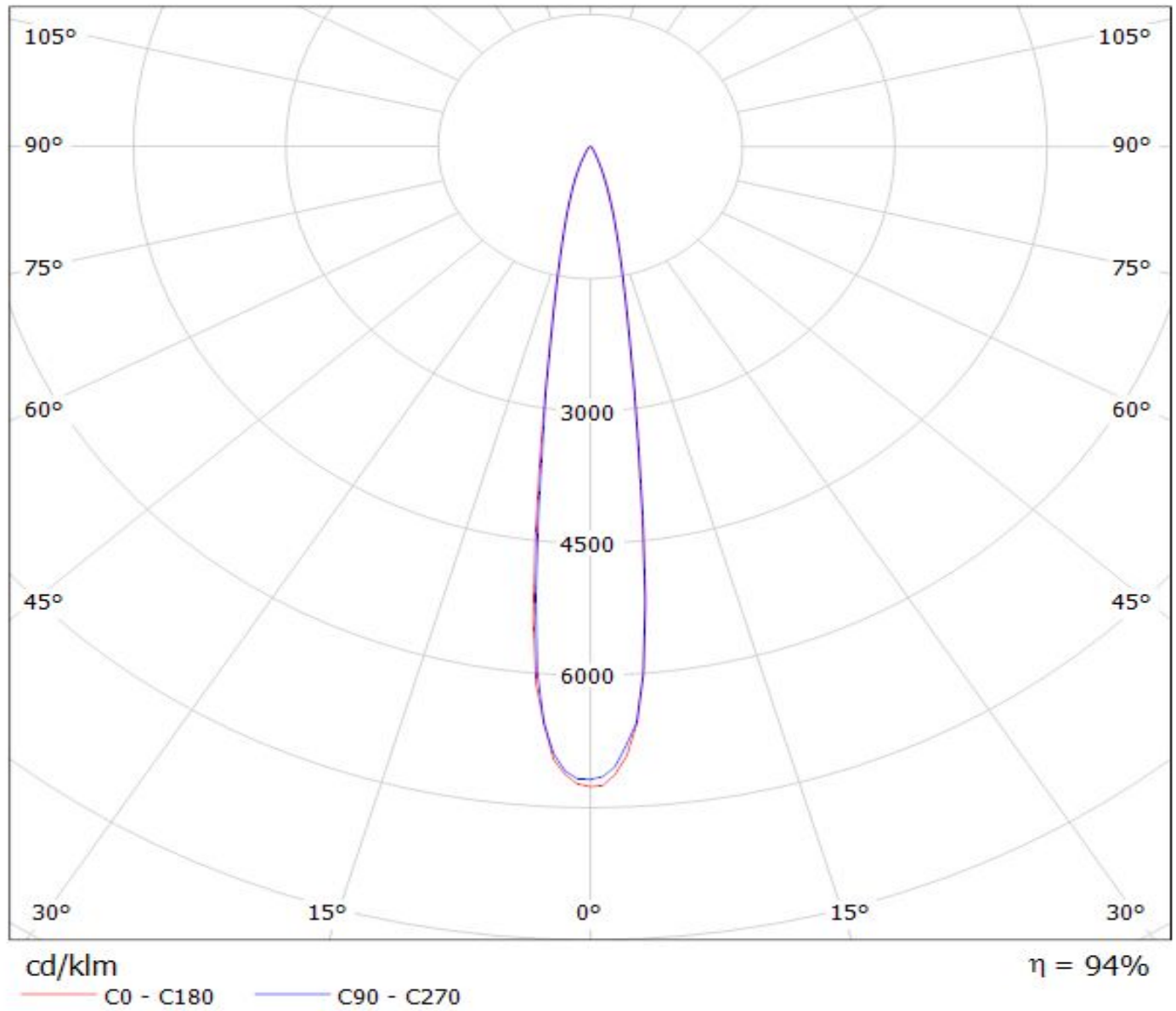
Luminaire: LEDiL Oy C12609\_VIRPI-W\_(XT-E) Eff.89.96%  
Lamps: 1 x XT-E\_VIRPI\_5x5 (2119.89lm@250mA)



# LEDiL Oy C12607\_VIRPI-S\_(XT-E) Eff.94.2% / LDC (Polar)

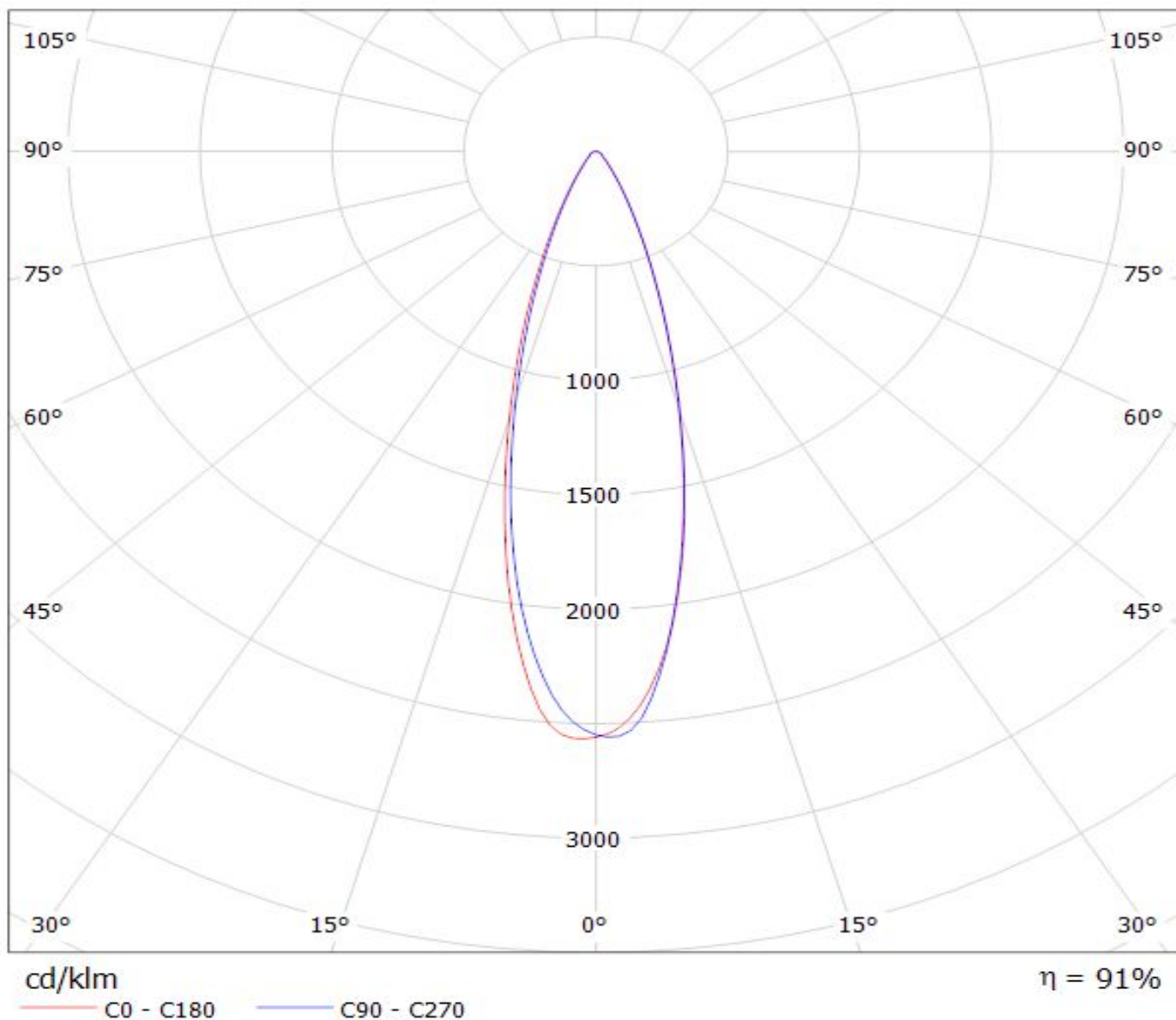
Luminaire: LEDiL Oy C12607\_VIRPI-S\_(XT-E) Eff.94.2%

Lamps: 1 x XT-E\_5x5 (2100lm@250mA)



# LEDiL Oy C12608\_VIRPI-M\_(XT-E) Eff.91.0% / LDC (Polar)

Luminaire: LEDiL Oy C12608\_VIRPI-M\_(XT-E) Eff.91.0%  
Lamps: 1 x XT-E\_5x5 (2049.85lm@250mA)





Luminaire: LEDiL Oy C12609\_VIRPI-W\_(XT-E) Eff.89.96%  
Lamps: 1 x XT-E\_VIRPI\_5x5 (2119.89lm@250mA)

