



# PRODUCT DATASHEET

## Brooke series

last update 28/1/2016

### DETAILS

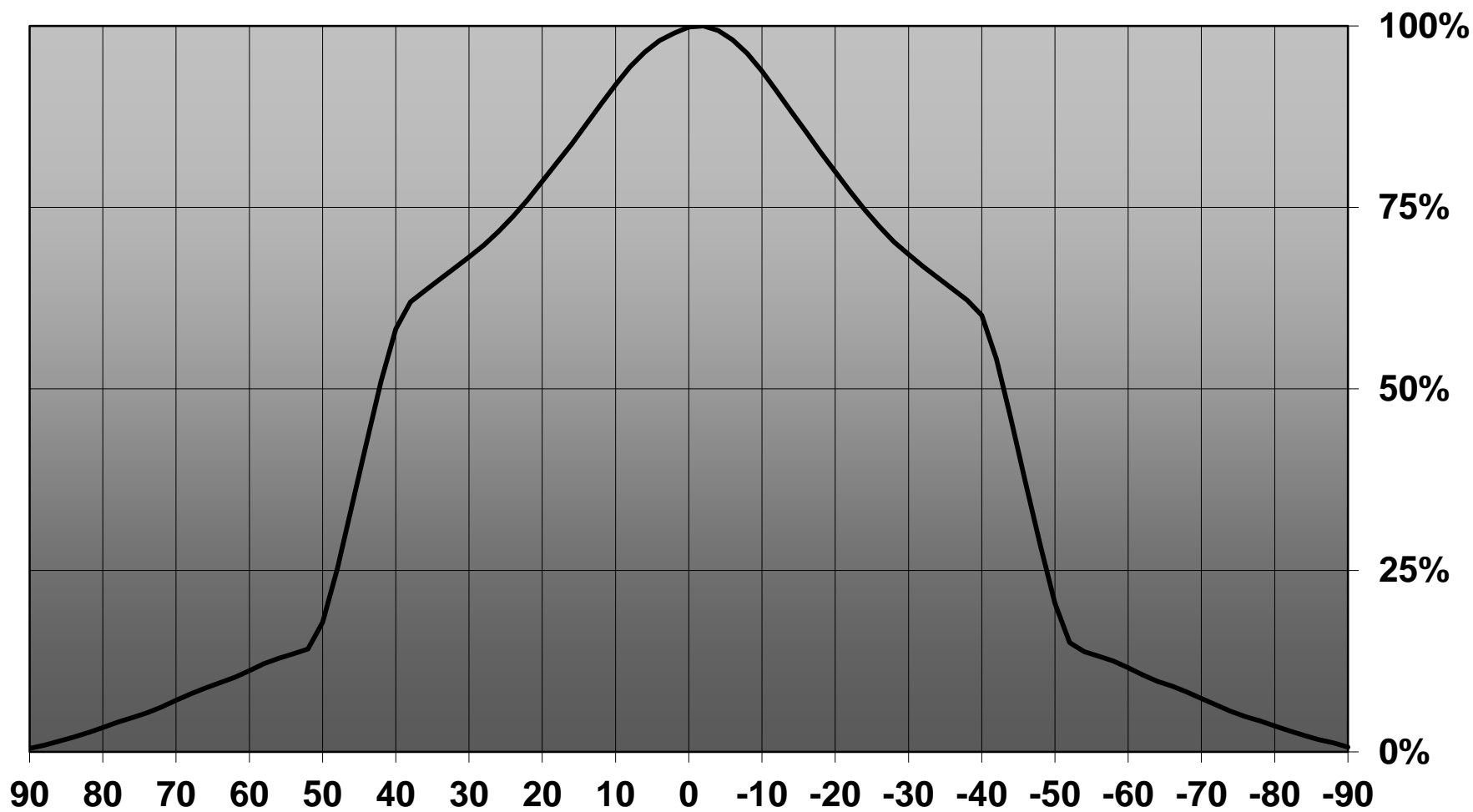
<b>Product Number</b>	CN14529_BROOKE-XW
<b>Family</b>	Brooke
<b>Type</b>	Reflector
<b>Color</b>	white
<b>Diameter</b>	45 mm
<b>Height</b>	22 mm
<b>Style</b>	round
<b>Optic Material</b>	HRCPC
<b>Holder Material</b>	PC
<b>Fastening</b>	
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	28/01/2016



### OPTICAL PROPERTIES

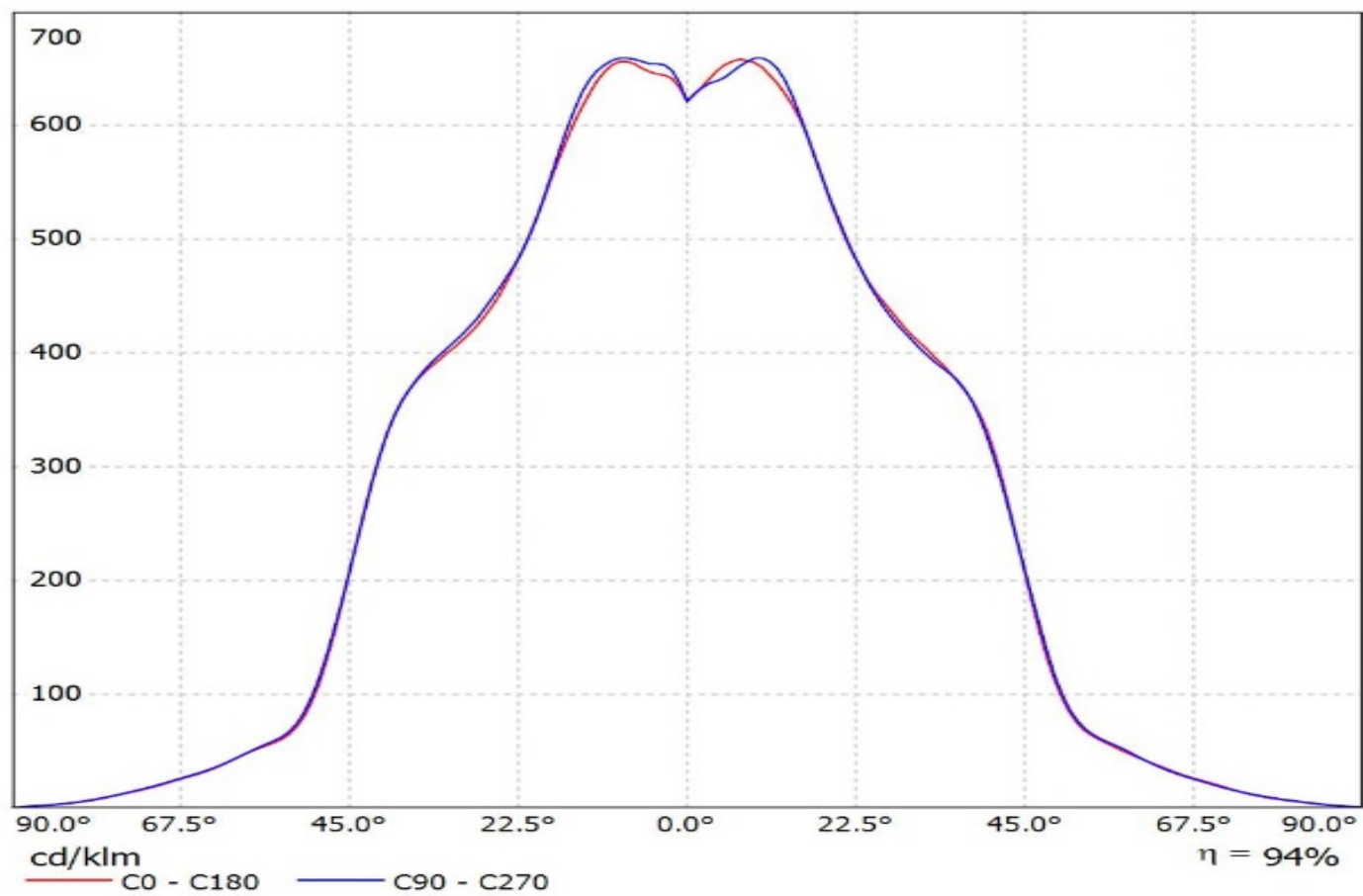
LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
VERO10	86 deg	Wide	94 %	0.620	-

Relative intensity of CA14529\_BROOKE-XW\_(VERO10)

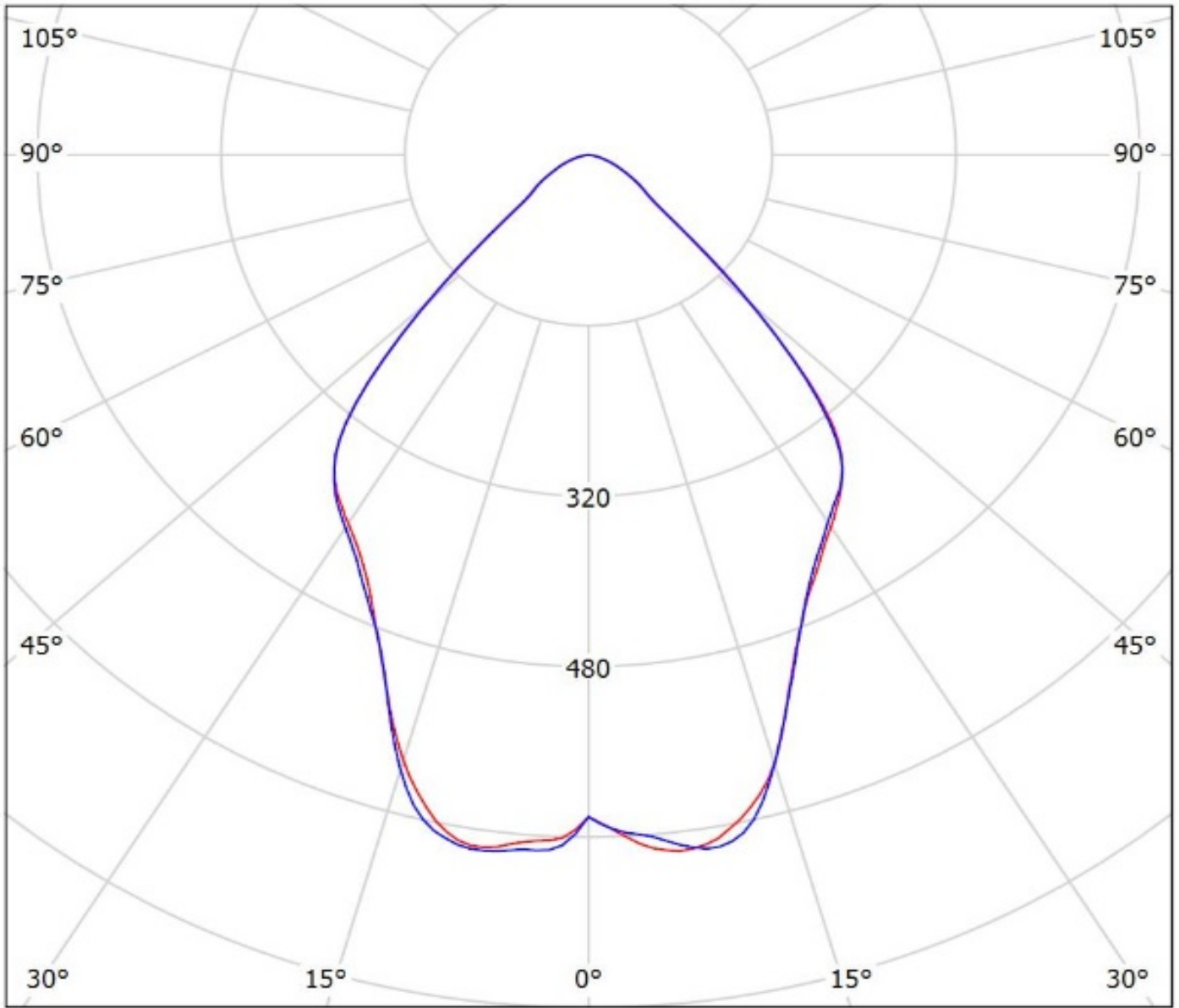


— C0-C180

Luminaire: Ledil Oy CN14529\_BROOKE-XW-VERO10\_SIMULATED  
Lamps: 1 x BRIDGELUX VERO10



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cd/klm

— C0 - C180 — C90 - C270

$\eta = 94\%$

**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.