

 LEDiL PRODUCT RELEASE

## BARBARA-PF – Expanding LEDiL's -PF system reflectors

### Versatile lighting solutions

LEDiL's series of PF system reflectors expands, proudly presenting MIRELLA's Cousin BARBARA in her new appearance. With BARBARA now entering into the PF system, fully compatible with all the PF-sockets, LEDiL is offering a versatile mid-sized easy-going reflector option to a variety of new application areas.

A comprehensive optical solution made for LEDs with dome as well as for COBs. Apart from the universal PF-socket specific options are available for many LED's and COB's ensuring right positioning and consistent optical performance.

To aid you we have included saved search paths for your convenience. You can go to [www.ledil.com/barbarafamily](http://www.ledil.com/barbarafamily) which will take you directly to the family listing. For product ordering codes and latest product specifications, please visit at our website: [www.ledil.com](http://www.ledil.com)

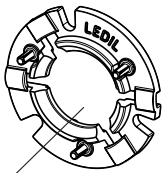
## TECHNICAL SPECIFICATIONS

- Diameter 70 mm, height 41.7 mm
- Typical FWHM values\*:
  - BARBARA-S-PF:  $\approx 13^\circ$
  - BARBARA-W-PF:  $\approx 31^\circ$
  - BARBARA-WW-PF:  $\approx 58^\circ$
  - BARBARA-XW-PF:  $\approx 71^\circ$
- Typical efficiency: 91%
- Precision-molded from high grade PC UL94 HB rated material with operating rating  $-40^\circ\text{C}$  to  $+100^\circ\text{C}$

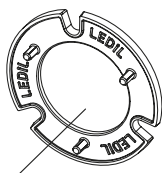
\* Depends on the chosen LED

## BARBARA-PF family

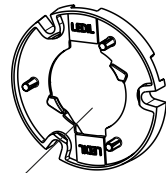
C14115\_PF-SOCKET-CXA15-18



C13761\_PF-SOCKET-CXA15



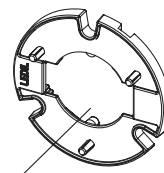
C14115\_PF-SOCKET-CXA15-18



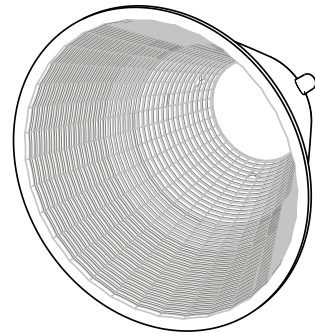
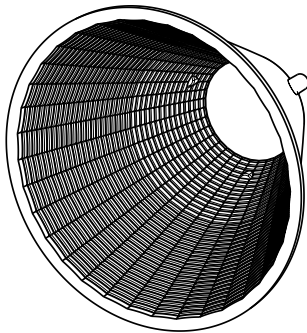
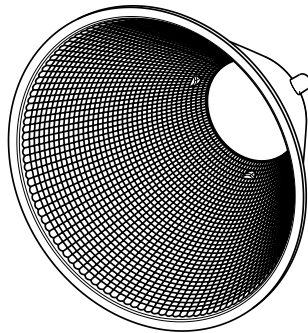
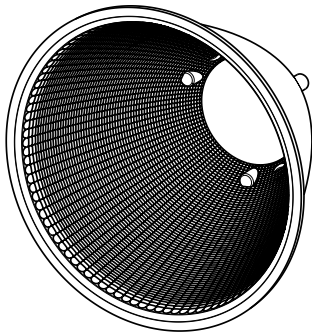
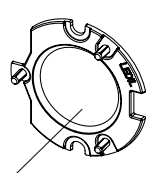
C13083\_PF-SOCKET



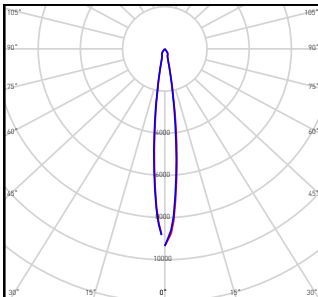
C13708\_PF-SOCKET-VER010



C13709\_PF-SOCKET-VER013-18

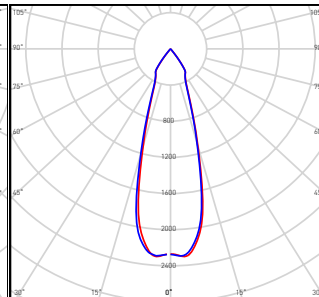


F13700\_BARBARA-S-PF



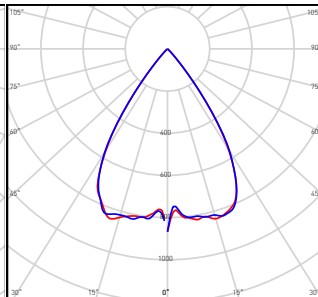
cd/km  
C190 - C180 C190 - C270

F13701\_BARBARA-W-PF



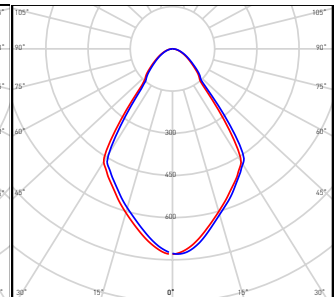
cd/km  
C190 - C180 C190 - C270

F13702\_BARBARA-WW-PF



cd/km  
C190 - C180 C190 - C270

F13703\_BARBARA-XW-PF



cd/km  
C190 - C180 C190 - C270

## ORDER CODES AND DETAILED PRODUCT SPECIFICATIONS:

visit [www.ledil.com/barbarafamily](http://www.ledil.com/barbarafamily)