PRODUCT DATASHEET F13701_BARBARA-W-PF

BARBARA-W-PF

~35° wide beam

SPECIFICATION:

Dimensions Ø 70.0 mm
Height 41.7 mm
Fastening socket
ROHS compliant yes ①



MATERIALS:

ComponentTypeMaterialBARBARA-W-PFReflectorPC

ColourFinishCoatingmetalHMDS

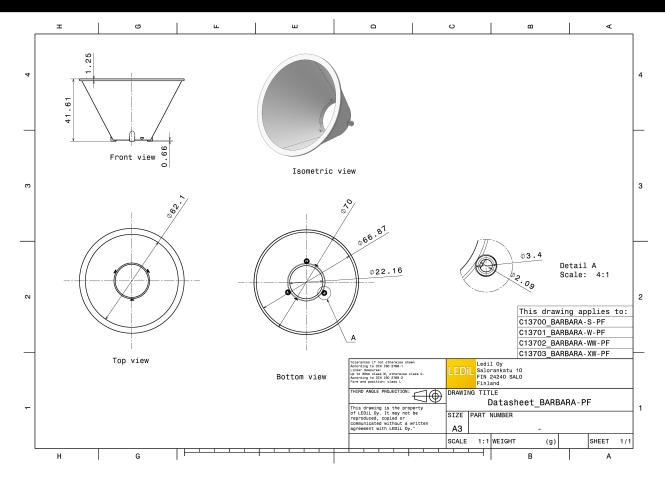
ORDERING INFORMATION:

Component

F13701_BARBARA-W-PF » Box size: 480 x 280 x 300 mm Qty in box MOQ MPQ Box weight (kg)
288 90 18 7.7

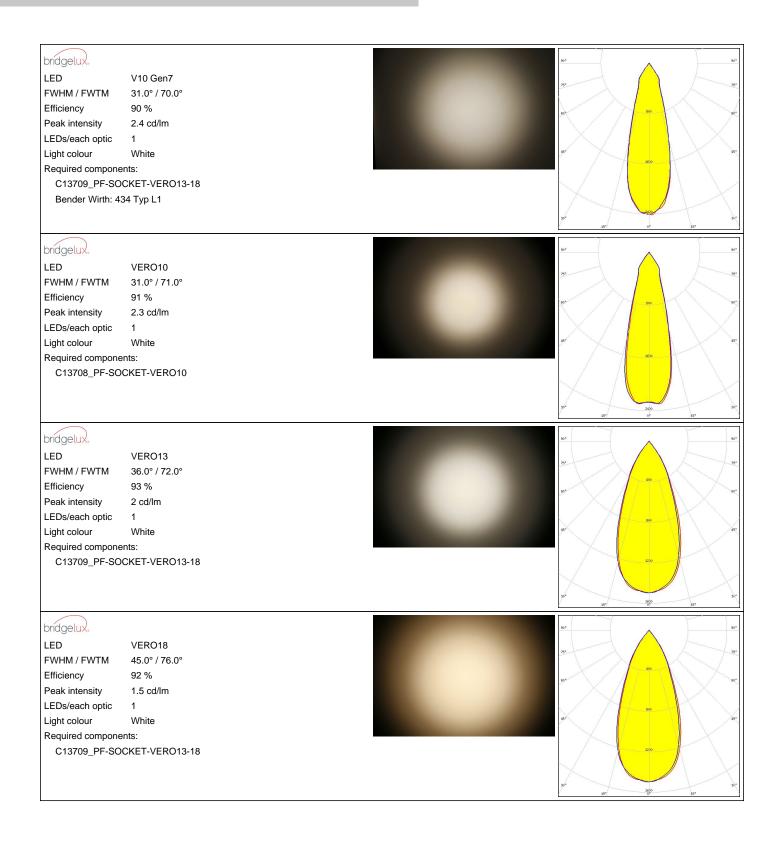


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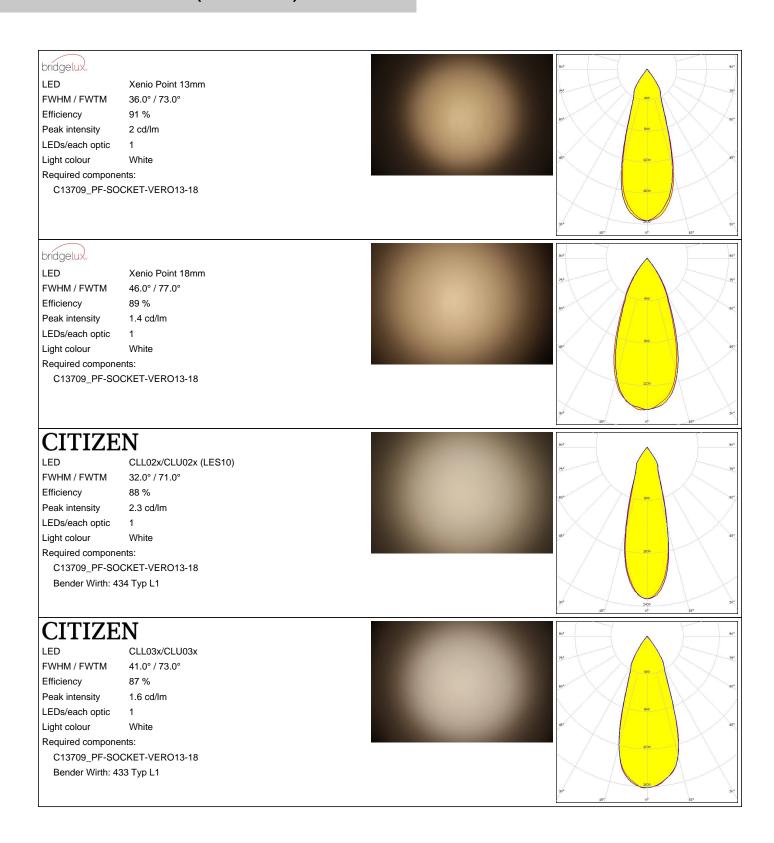


See also our general installation guide: www.ledil.com/installation_guide



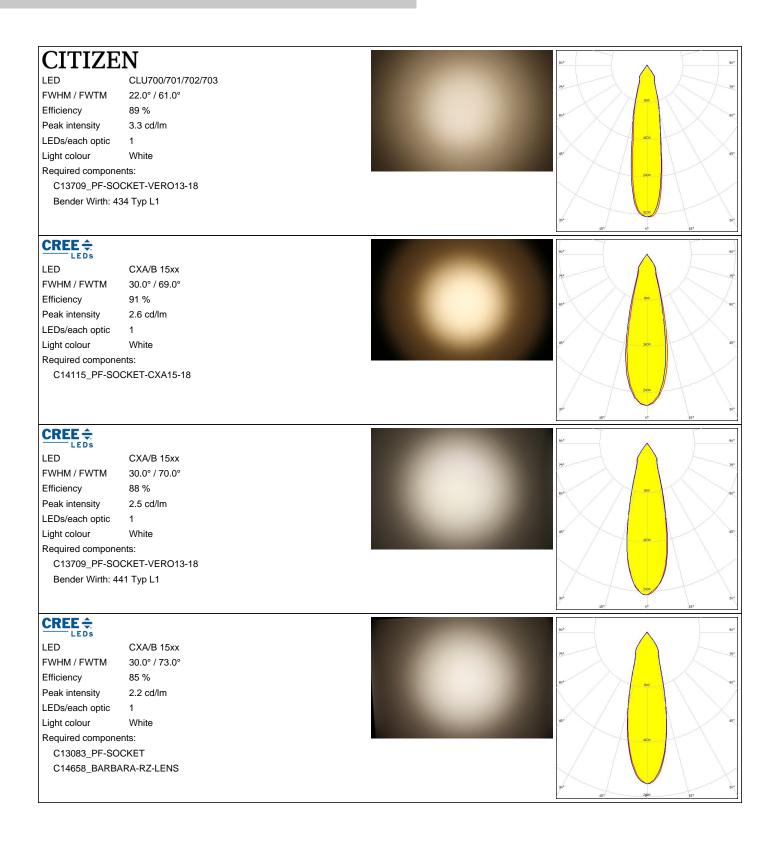






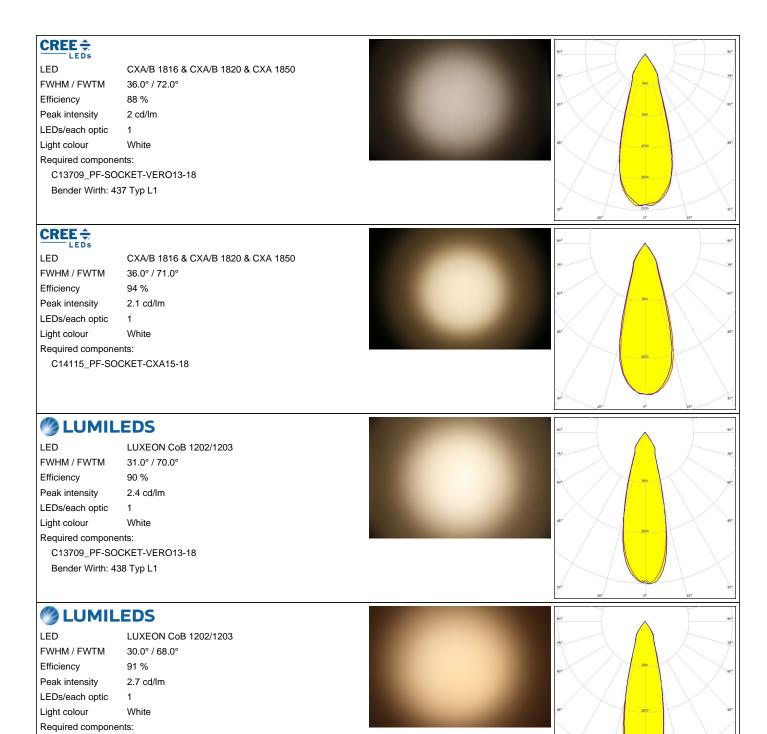
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C14037_PF-NSX-SOCKET







LED LUXEON CoB 1202s

FWHM / FWTM 20.0° / 52.0°
Efficiency 92 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour White

C13761_PF-SOCKET-CXA15

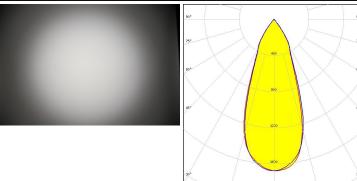


WNICHIA

Required components:

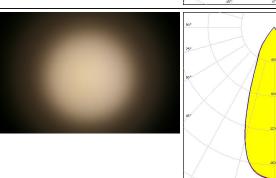
LED COB J-Type
FWHM / FWTM 40.0° / 73.0°
Efficiency 88 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:

C13709_PF-SOCKET-VERO13-18 Bender Wirth: 463 Typ L2



WNICHIA

LED COB J-Type
FWHM / FWTM 41.0° / 74.0°
Efficiency 92 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14037_PF-NSX-SOCKET

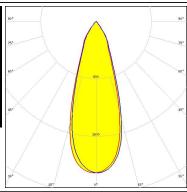


WNICHIA

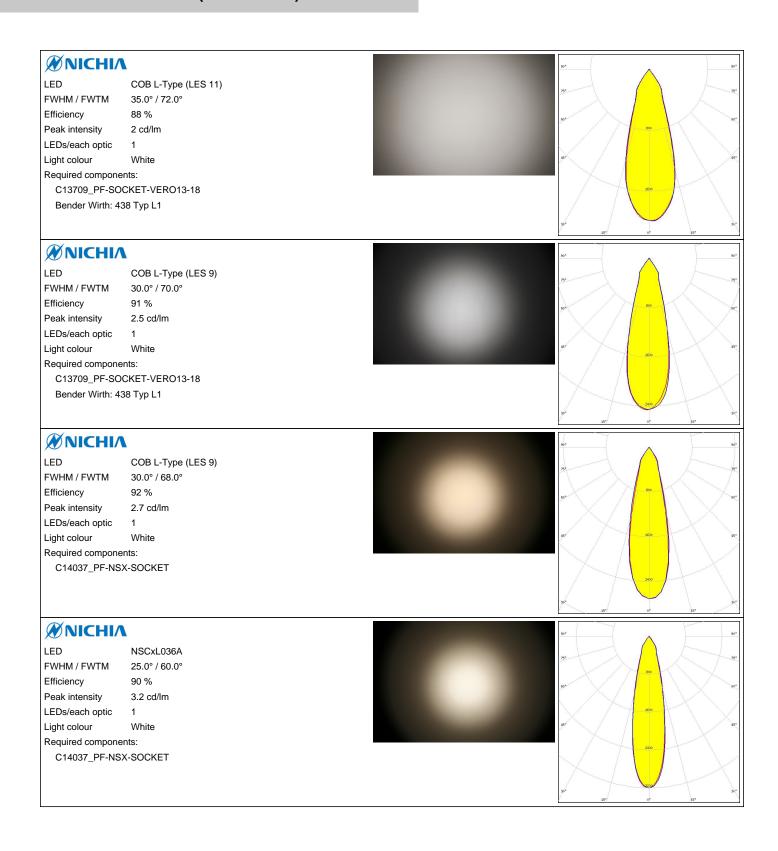
LED COB L-Type (LES 11)

FWHM / FWTM 35.0° / 71.0°
Efficiency 91 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14037_PF-NSX-SOCKET











OSRAM LED Soleriq S13 FWHM / FWTM 37.0° / 72.0° Efficiency 89 % Peak intensity 1.9 cd/lm LEDs/each optic Light colour White Required components: C13709_PF-SOCKET-VERO13-18 Bender Wirth: 437 Typ L1 **SAMSUNG** LED LC026B / 033B / 040B FWHM / FWTM 45.0° / 76.0° Efficiency 87 % Peak intensity 1.4 cd/lm LEDs/each optic 1 White Light colour Required components: C13709_PF-SOCKET-VERO13-18 Bender Wirth: 450 Typ L2 **XICATO** LED XTM - 19mm LES FWHM / FWTM 45.0° / 75.0° Efficiency 86 % Peak intensity 1.4 cd/lm LEDs/each optic Light colour White Required components: C14636_XTM-PF-ADAPTER **XICATO** XTM - 9mm LES FWHM / FWTM 30.0° / 70.0° Efficiency 89 % Peak intensity 2.5 cd/lm LEDs/each optic White Light colour Required components: C14636_XTM-PF-ADAPTER

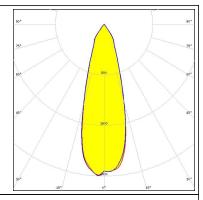


OPTICAL RESULTS (SIMULATED):

bridgelux

LED V10 Gen7
FWHM / FWTM 31.0° / 69.0°
Efficiency 90 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

C13709_PF-SOCKET-VERO13-18 Bender Wirth: 486 Typ L1



MILEDS

LED LUXEON CoB Compact

FWHM / FWTM 20.0° / 52.0°
Efficiency 92 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour White

Required components:

C13761_PF-SOCKET-CXA15

ELUMINUS

LED CxM-14 (19x19)
FWHM / FWTM 41.0° / 73.0°
Efficiency 87 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:

C13709_PF-SOCKET-VERO13-18 Bender Wirth: 433 Typ L1

LUMINUS

LED CxM-9 (13.5x13.5)
FWHM / FWTM 32.0° / 71.0°
Efficiency 88 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White

Required components:

C13709_PF-SOCKET-VERO13-18 Bender Wirth: 434 Typ L1



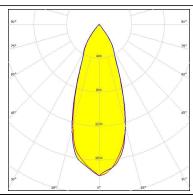
OPTICAL RESULTS (SIMULATED):

OSRAM

LED Soleriq S15 FWHM / FWTM 39.0° / 74.0° Efficiency 90 % Peak intensity 1.8 cd/lm LEDs/each optic Light colour White

Required components:

C13709_PF-SOCKET-VERO13-18 Bender Wirth: 433 Typ L1

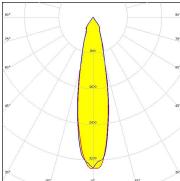


SAMSUNG

LED LC010C FWHM / FWTM 23.0° / 54.0° Efficiency 90 % Peak intensity 3.5 cd/lm LEDs/each optic 1 White Light colour

Required components:

C13709_PF-SOCKET-VERO13-18 Bender Wirth: 479 Typ L1

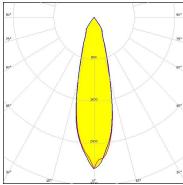


SAMSUNG

LED LC020C FWHM / FWTM 27.0° / 65.0° Efficiency 89 % Peak intensity 2.9 cd/lm LEDs/each optic 1 Light colour White

Required components:

C13709_PF-SOCKET-VERO13-18 Bender Wirth: 479 Typ L1

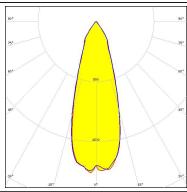


SAMSUNG

LC040C FWHM / FWTM 33.0° / 70.0° Efficiency 85 % Peak intensity 2.1 cd/lm LEDs/each optic White Light colour

Required components: C13709_PF-SOCKET-VERO13-18

Bender Wirth: 480 Typ L1





OPTICAL RESULTS (SIMULATED):



LED ZC12/18
FWHM / FWTM 41.0° / 73.0°
Efficiency 87 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White

Required components:

C13709_PF-SOCKET-VERO13-18 Bender Wirth: 433 Typ L1

SEOUL SEMICONDUCTOR

LED ZC4/6
FWHM / FWTM 32.0° / 71.0°
Efficiency 88 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:

C13709_PF-SOCKET-VERO13-18

Bender Wirth: 434 Typ L1



PRODUCT DATASHEET F13701_BARBARA-W-PF

GENERAL INFORMATION:

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

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.

MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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