

BARBARA-G2-M

~25° wide beam compatible with LEDiL HEKLA

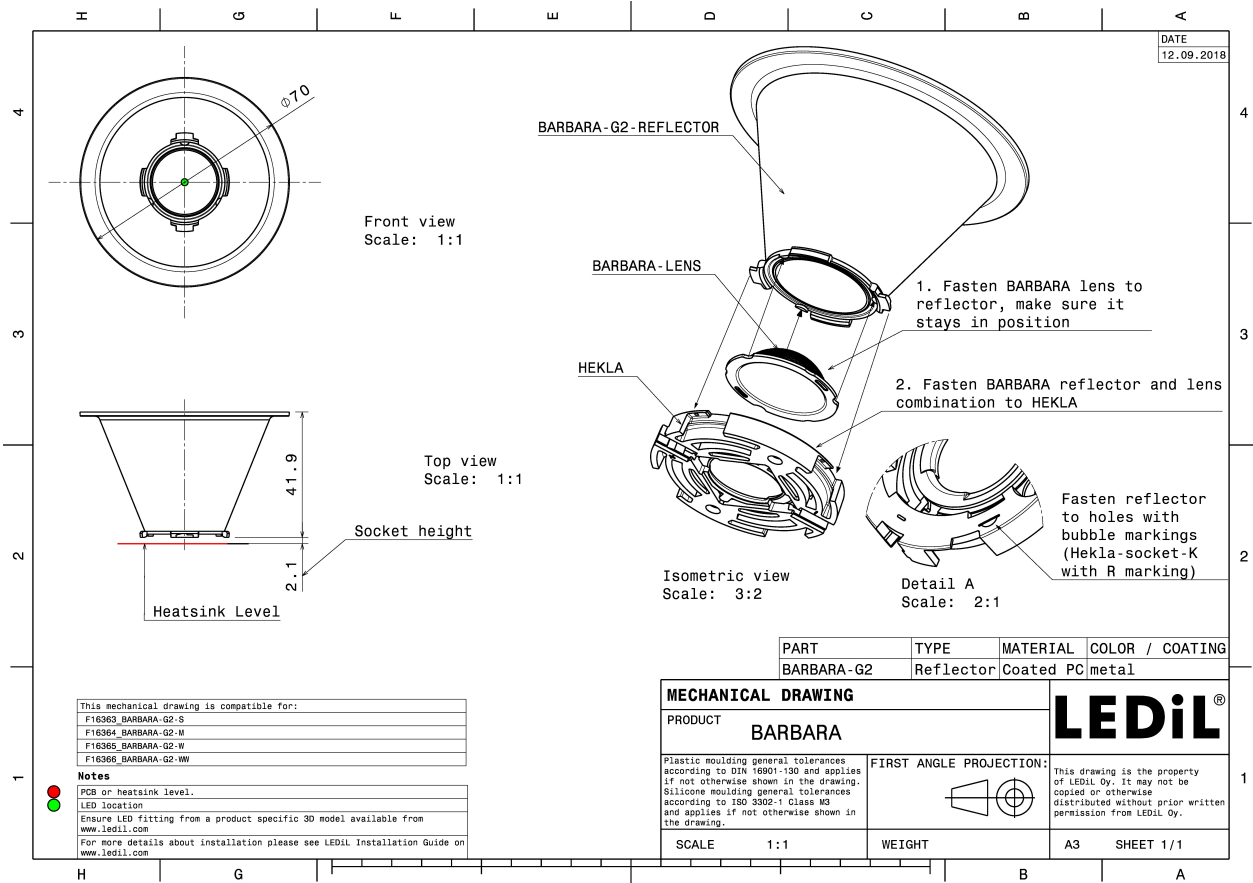
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 70.0 mm
Height	41.9 mm
Fastening	socket
Colour	metal
Box size	480 x 280 x 300 mm
Box weight	4.5 kg
Quantity in Box	252 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

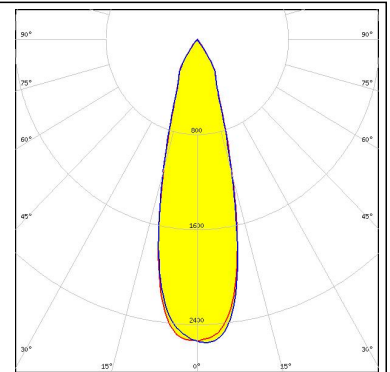
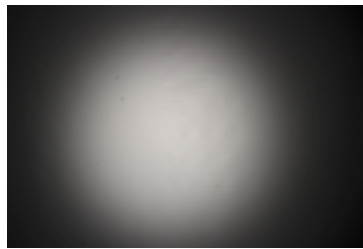
Component	Type	Material	Colour	Coating
BARBARA-G2-M	Reflector	PC	metal	



PHOTOMETRIC DATA (MEASURED):

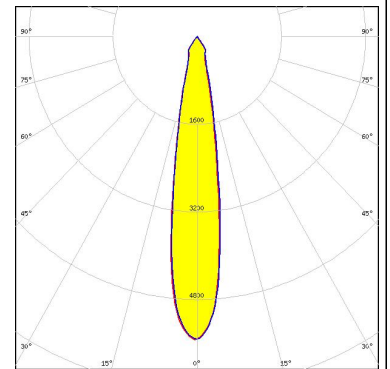
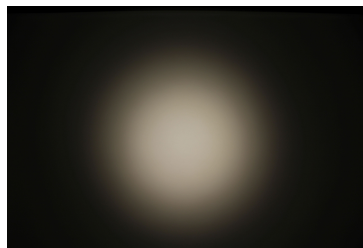
bridgelux

LED Vesta TW 9mm (12W)
FWHM 29.0°
Efficiency 83 %
Peak intensity 2.600 cd/lm
Required components:
C16142_HEKLA-SOCKET-K
C14658_BARBARA-RZ-LENS



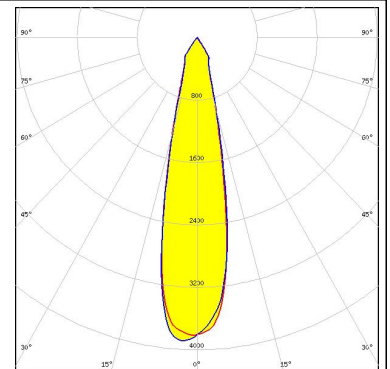
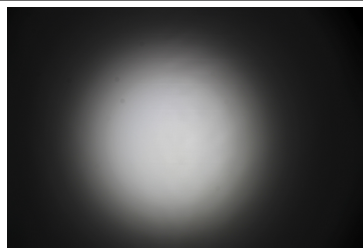
CREE

LED CXA/B 13xx
FWHM 18.0°
Efficiency 92 %
Peak intensity 5.500 cd/lm
Required components:
LEDiL: F15956_HEKLA-SOCKET-J



CREE

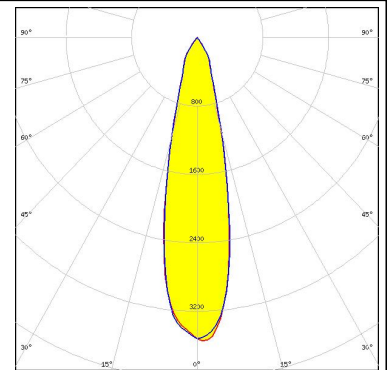
LED CXA/B 15xx
FWHM 23.0°
Efficiency 92 %
Peak intensity 3.900 cd/lm
Required components:
F15256_HEKLA-SOCKET-D



PHOTOMETRIC DATA (SIMULATED):

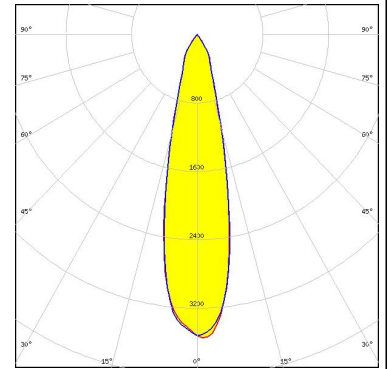
bridgelux.

LED VERO10
FWHM 24.0°
Efficiency 89 %
Peak intensity 3.550 cd/lm
Required components:
F15616_HEKLA-SOCKET-F



bridgelux.

LED VERO13
FWHM 31.0°
Efficiency 83 %
Peak intensity 2.420 cd/lm
Required components:
C16142_HEKLA-SOCKET-K



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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