

HB-2X2MXS-WW

~55° wide beam

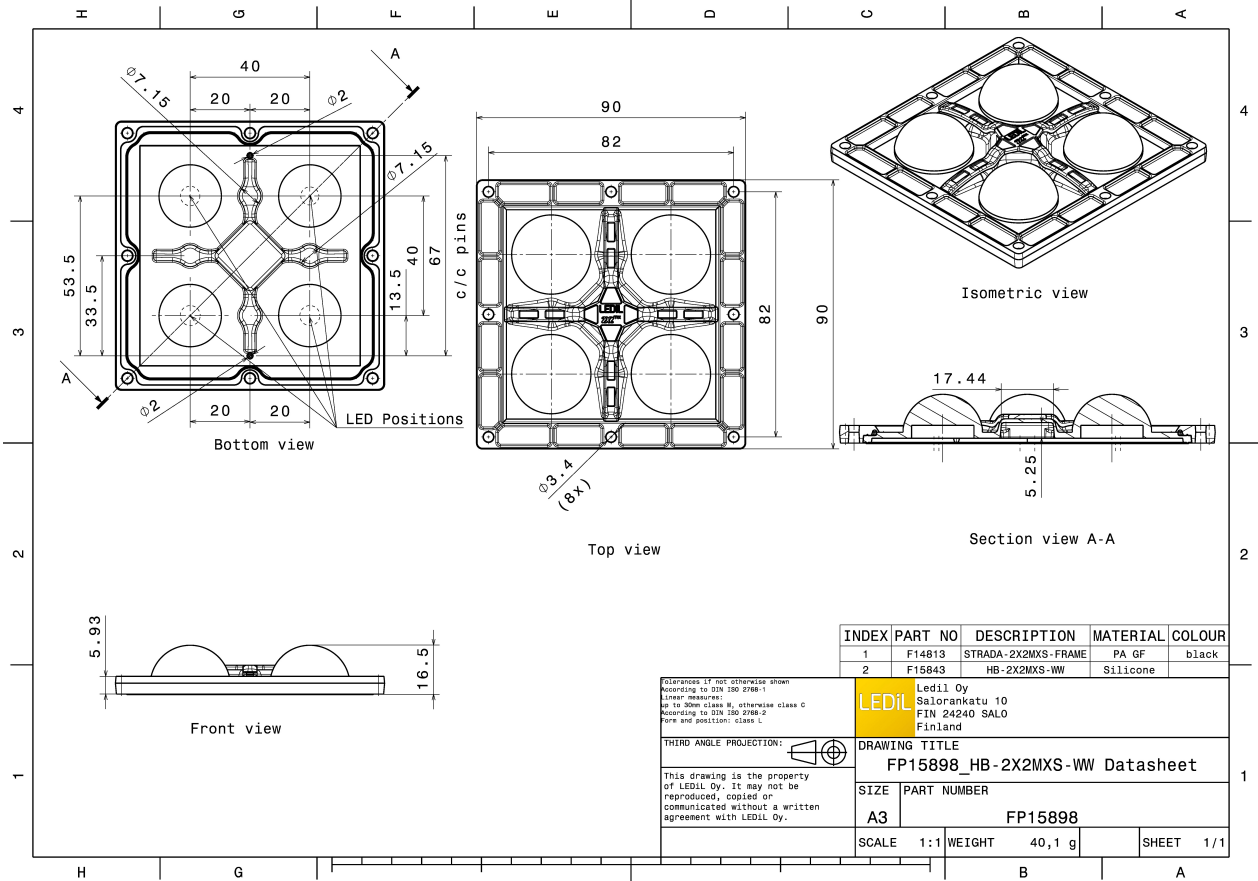
TECHNICAL SPECIFICATIONS:

Dimensions	90.0 mm
Height	16.5 mm
Fastening	screw
Colour	black
Box size	398 x 298 x 265 mm
Box weight	8.6 kg
Quantity in Box	168 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

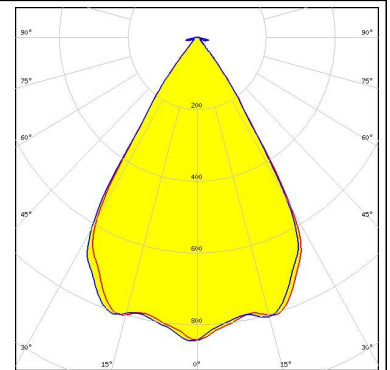
Component	Type	Material	Colour
HB-2X2MXS-WW	Multi-lens	Silicone	clear
STRADA-2X2MXS-FRAME	Holder	PA66	black



PHOTOMETRIC DATA (MEASURED):

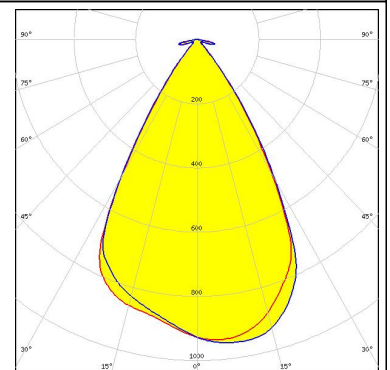
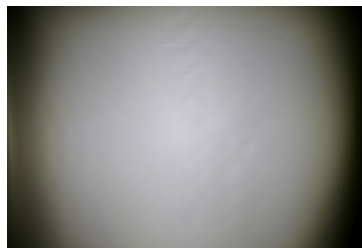
CREE

LED XHP70
 FWHM 64.0°
 Efficiency 91 %
 Peak intensity 0.850 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



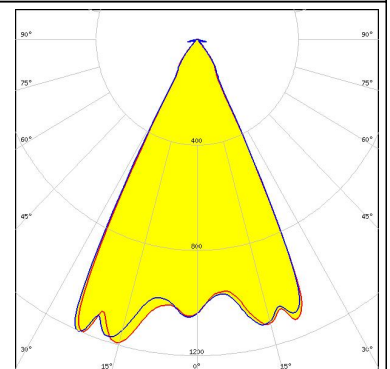
CREE

LED XHP70.2
 FWHM 61.0°
 Efficiency 91 %
 Peak intensity 0.960 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



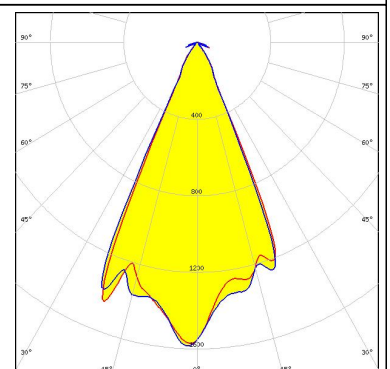
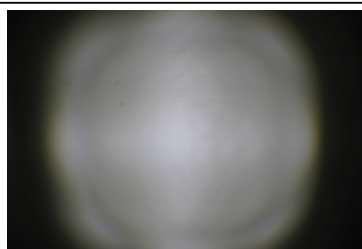
LUMILEDS

LED LUXEON M/MX
 FWHM 54.0°
 Efficiency 94 %
 Peak intensity 1.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:


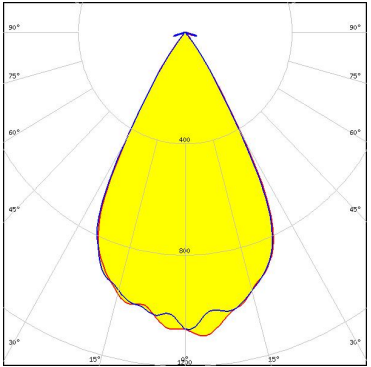
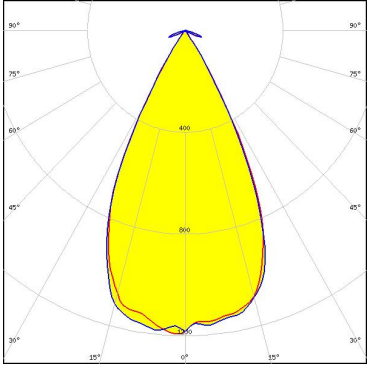

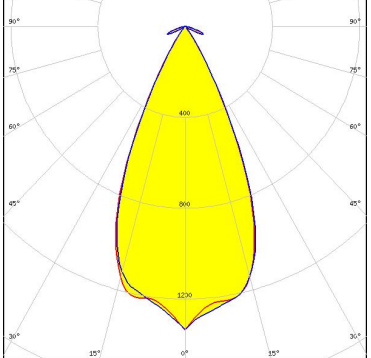


SAMSUNG

LED HiLOM SC16 (LH181B)
 FWHM 48.0°
 Efficiency 93 %
 Peak intensity 1.600 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

 LED Bridgelux SMD 5050 FWHM 57.0° Efficiency 92 % Peak intensity 1.110 cd/lm LEDs/each optic 1 Light colour White Required components:	
CITIZEN LED CLU700/701 FWHM 52.0° Efficiency 89 % Peak intensity 1.240 cd/lm LEDs/each optic 1 Light colour White Required components: Bender Wirth: 434 Typ 2x2MX HV	
 LED NFMW48xA FWHM 48.0° Efficiency 92 % Peak intensity 1.340 cd/lm LEDs/each optic 1 Light colour White Required components:	

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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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Local sales and technical support

www.ledil.com/where_to_buy

Shipping locations

Salo, Finland
Hong Kong, China

Distribution Partners

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