PRODUCT DATASHEET FP15897_HB-2X2MXS-WWW

HB-2X2MXS-WWW

~85° wide beam

SPECIFICATION:

Dimensions 90.0 x 90.0 mm

Height 11.5 mm

Fastening screw

Ingress protection classes IP67

ROHS compliant yes 1



MATERIALS:

ComponentTypeMaterialColourFinishHB-2X2MXS-WWWMulti-lensSiliconeclearSTRADA-2X2MXS-FRAMEHolderPA66black

ORDERING INFORMATION:

 Component
 Qty in box
 MOQ
 MPQ
 Box weight (kg)

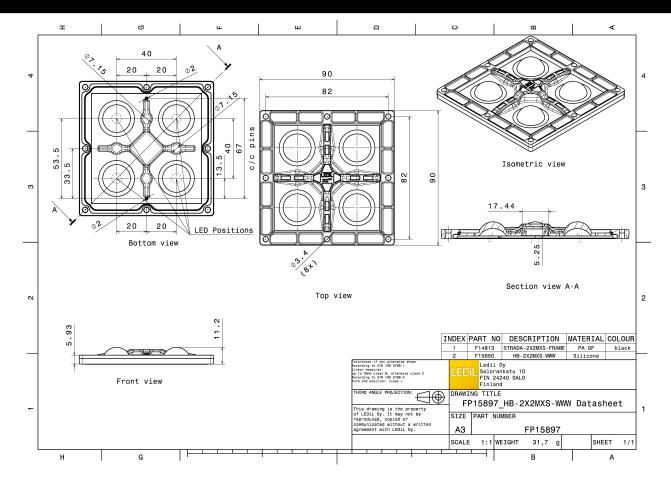
 FP15897_HB-2X2MXS-WWW
 Multi-lens
 240
 24
 12
 12.5

 » Box size: 398 x 298 x 265 mm
 240
 24
 12
 12.5



PRODUCT FP15897_HB-2X2MXS-WWW

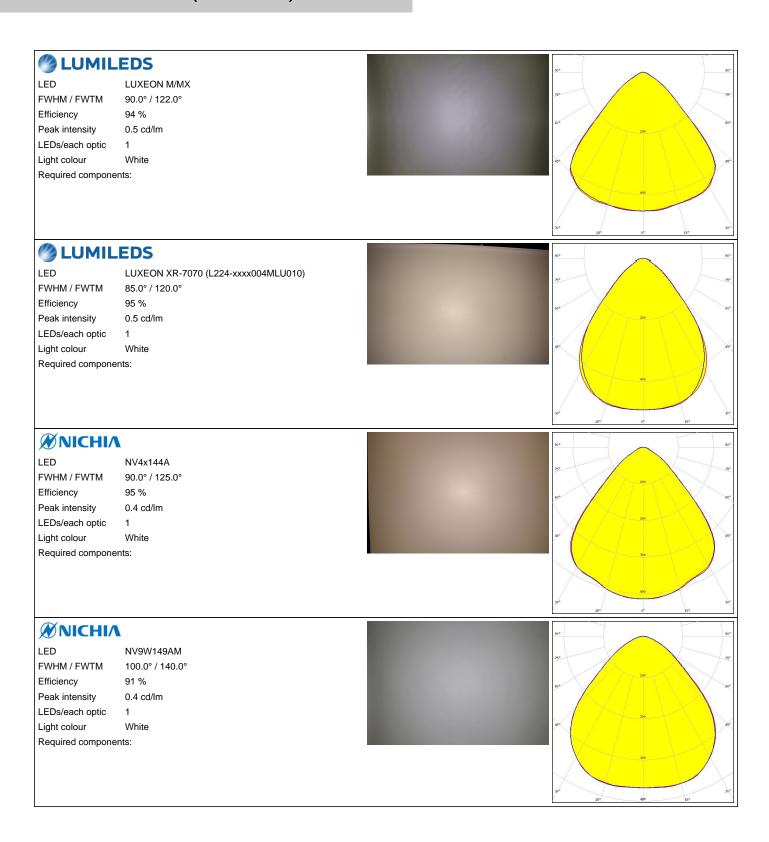
2/8



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



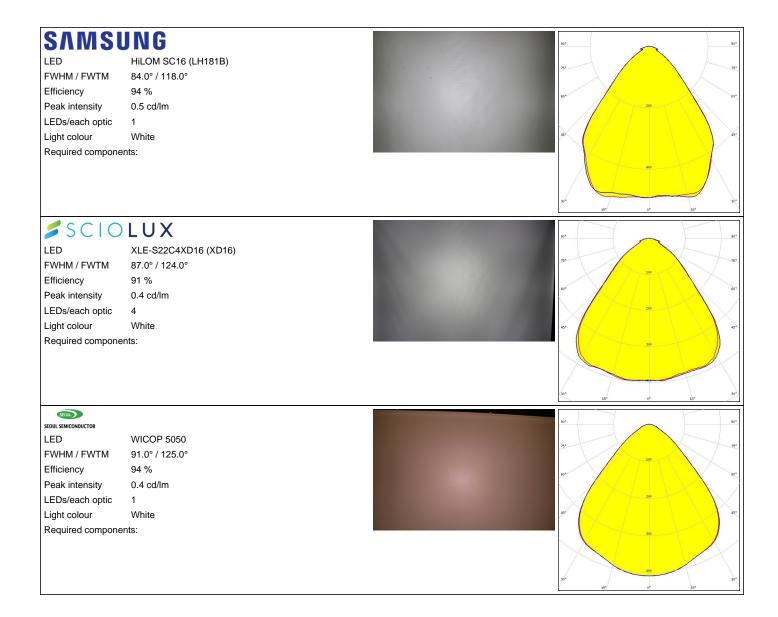
OPTICAL RESULTS (MEASURED):



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OPTICAL RESULTS (MEASURED):





OPTICAL RESULTS (SIMULATED):

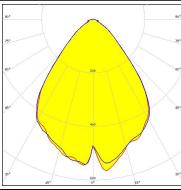


LED Bridgelux SMD 5050 FWHM / FWTM 79.0° / 115.0°

Efficiency 94 % Peak intensity 0.6 cd/lm

LEDs/each optic Light colour White

Required components:



CITIZEN

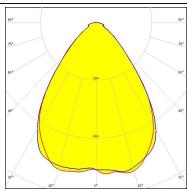
Required components:

LED CLU700/701/702/703

FWHM / FWTM 77.0° / 112.0° Efficiency 89 % Peak intensity 0.5 cd/lm

LEDs/each optic 1 White Light colour

Bender Wirth: 434 Typ 2x2MX HV



CREE -

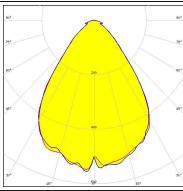
LED MHB-A/B

FWHM / FWTM 75.0° / 111.0°

Efficiency 91 % Peak intensity 0.6 cd/lm LEDs/each optic 1

Light colour White

Required components:



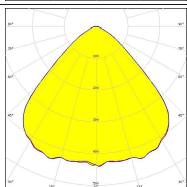
CREE \$

XHP70 FWHM / FWTM

92.0° / 122.0° Efficiency 94 % Peak intensity 0.4 cd/lm

LEDs/each optic White Light colour

Required components:



Published: 15/07/2019



OPTICAL RESULTS (SIMULATED):

CREE &

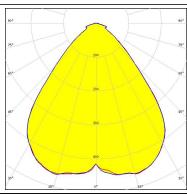
LED XHP70.3 HD

FWHM / FWTM 84.0° / 116.0° Efficiency 89 %

Peak intensity 0.5 cd/lm

LEDs/each optic 1
Light colour White

Required components:



LUMILEDS

LED LUXEON 7070

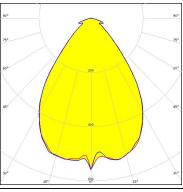
FWHM / FWTM 74.0° / 108.0° Efficiency 87 %

Peak intensity 0.6 cd/lm

LEDs/each optic 1

Light colour White

Required components:



ELUMINUS

LED SFT-40-WCS

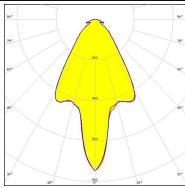
FWHM / FWTM 62.0° / 102.0°

Efficiency 91 %

Peak intensity 0.7 cd/lm

LEDs/each optic 1
Light colour White

Required components:



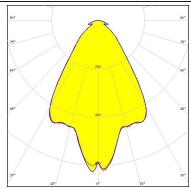
ELUMINUS

LED SFT-70X-WCS

FWHM / FWTM 68.0° / 105.0 + 106.0°

Efficiency 91 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White

Required components:





OPTICAL RESULTS (SIMULATED):

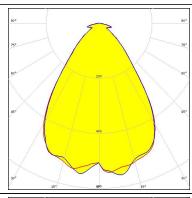


LED NFMW48xA $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 73.0° / 107.0°

Efficiency 91 %

Peak intensity 0.6 cd/lm LEDs/each optic

Light colour White Required components:

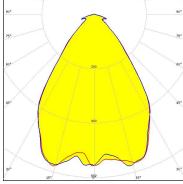


OSRAM Opto Semiconductors

LED OSCONIQ C 2424 FWHM / FWTM 73.0° / 105.0 + 106.0°

Efficiency 90 % Peak intensity 0.6 cd/lm LEDs/each optic 4 White Light colour

Required components:





PRODUCT DATASHEET FP15897_HB-2X2MXS-WWW

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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