PRODUCT DATASHEET CS15765_HB-2X2MX-8-WWW

HB-2X2MX-8-WWW

~65° wide beam. New revision.

TECHNICAL SPECIFICATIONS:

Dimensions 90.0 x 90.0 mm

Height 16.4 mm

Fastening screw

Ingress protection classes IP67

ROHS compliant yes 1



MATERIAL SPECIFICATIONS:

ComponentTypeMaterialColourFinishHB-2X2MX-8-WWWMulti-lensPMMAclearSTRADA-2X2MX-8-SEALSealSiliconeclear

ORDERING INFORMATION:

 Component
 Qty in box
 MOQ
 MPQ
 Box weight (kg)

 CS15765_HB-2X2MX-8-WWW
 Multi-lens
 156
 52
 52
 8.4

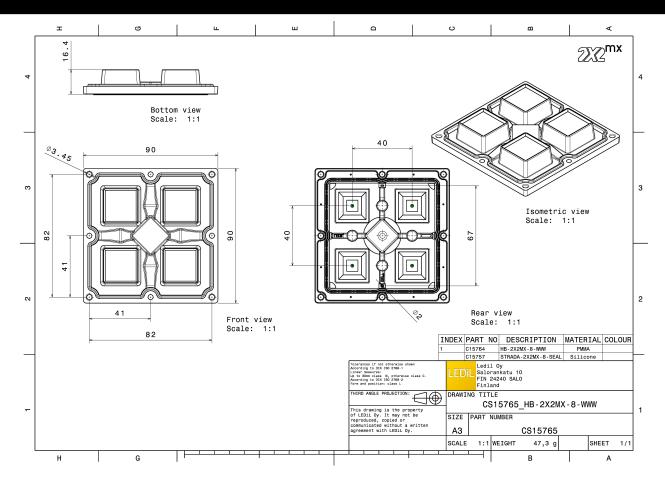
 » Box size: 480 x 280 x 300 mm
 800 mm
 8

Published: 15/05/2019



PRODUCT CS15765_HB-2X2MX-8-WWW

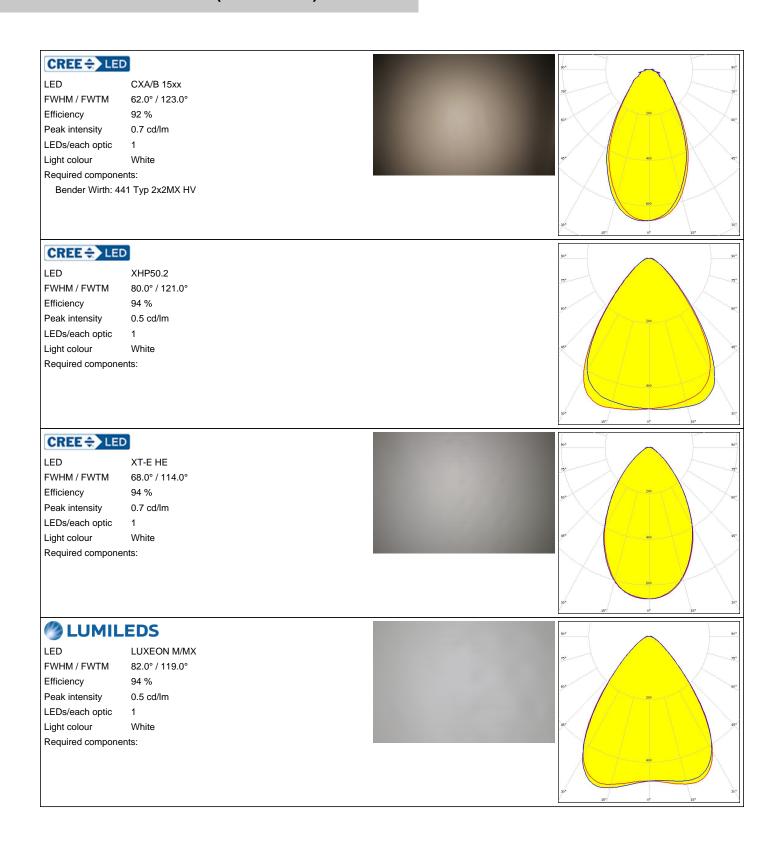
2/9



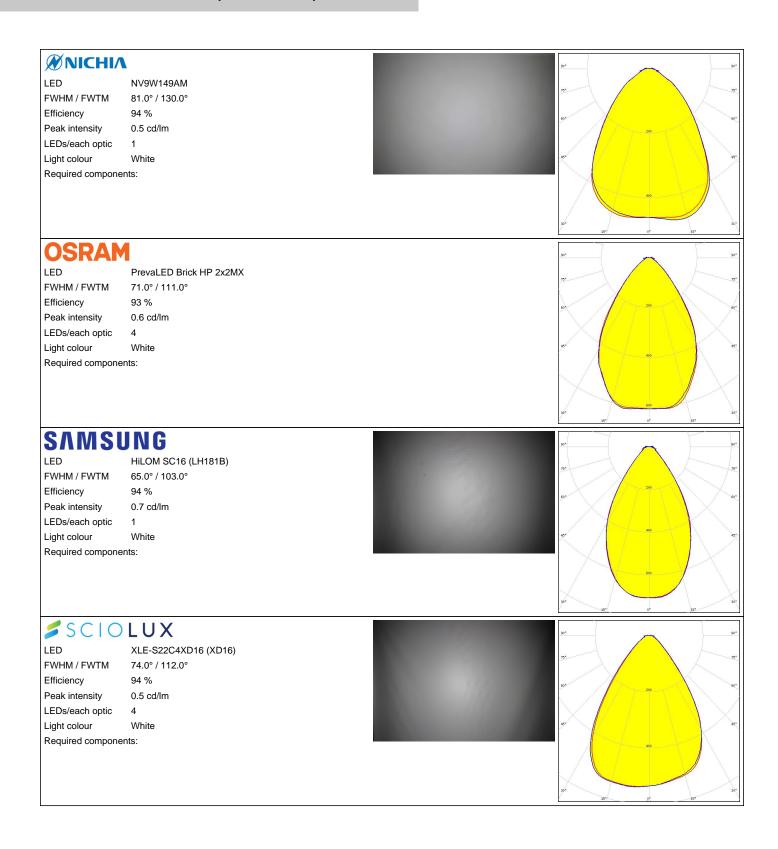
See also our general installation guide: www.ledil.com/installation_guide

PRODUCT DATASHEET CS15765_HB-2X2MX-8-WWW

PHOTOMETRIC DATA (MEASURED):

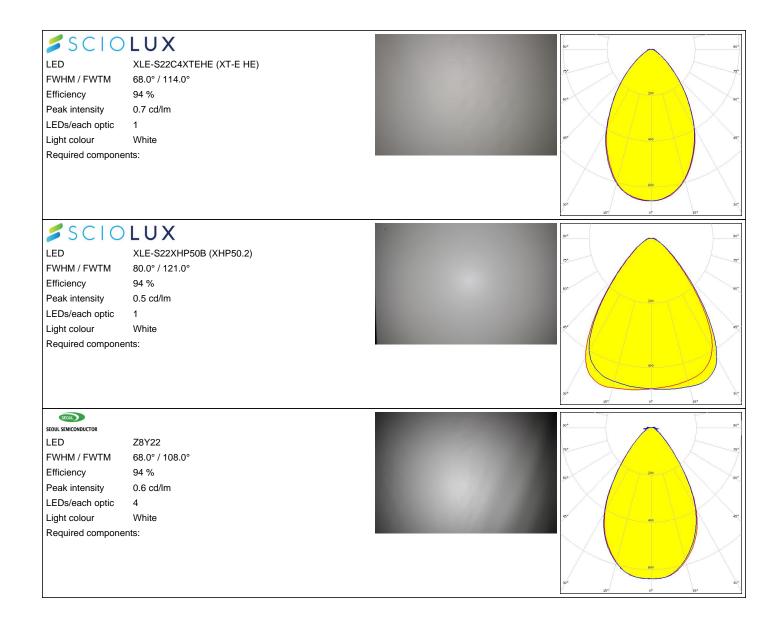


PHOTOMETRIC DATA (MEASURED):





PHOTOMETRIC DATA (MEASURED):



PHOTOMETRIC DATA (SIMULATED):

bridgelux

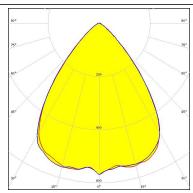
LED Bridgelux SMD 5050

FWHM / FWTM 78.0° / 105.0° Efficiency 94 %

Peak intensity 0.6 cd/lm LEDs/each optic 1

Light colour White

Required components:



CITIZEN

LED CLU700/701/702

FWHM / FWTM 66.0° / 98.0°

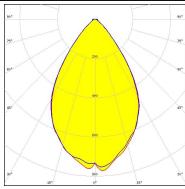
Efficiency 92 %
Peak intensity 0.8 cd/lm

LEDs/each optic 1

Light colour White

Required components:

Bender Wirth: 434 Typ 2x2MX HV



CREE \$\(\preceq\) LED

LED XHP70.2

FWHM / FWTM 86.0° / 122.0°

Efficiency 89 %

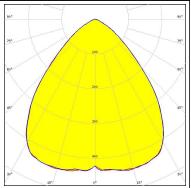
Peak intensity 0.4 cd/lm

LEDs/each optic 1

Light colour White

Required components:

Protective plate, glass



CREE & LED

LED XHP70.3

FWHM / FWTM 86.0° / 120.0°

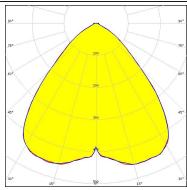
Efficiency 95 %

Peak intensity 0.5 cd/lm

Light colour White

Required components:

LEDs/each optic



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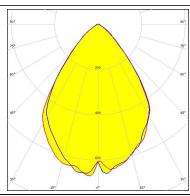
PHOTOMETRIC DATA (SIMULATED):



LED LUXEON 7070 FWHM / FWTM 75.0° / 108.0° Efficiency 96 %

Peak intensity 0.7 cd/lm LEDs/each optic Light colour White

Required components:



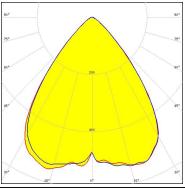
PRODUCT DATASHEET

WNICHIA

LED NFMW48xA FWHM / FWTM 79.0° / 106.0° Efficiency 94 % Peak intensity 0.6 cd/lm

LEDs/each optic 1 White Light colour

Required components:

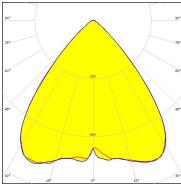


WNICHIA

LED NV4WB35AM FWHM / FWTM 80.0° / 102.0° Efficiency 96 % Peak intensity 0.5 cd/lm

LEDs/each optic 1 Light colour White

Required components:

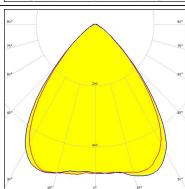


OSRAM

LED OSCONIQ P 7070 FWHM / FWTM 82.0° / 112.0°

Efficiency 96 % Peak intensity 0.5 cd/lm LEDs/each optic White Light colour

Required components:



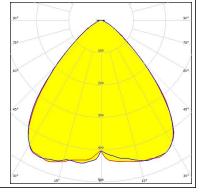
PHOTOMETRIC DATA (SIMULATED):

PHILIPS

LED Fortimo FastFlex LED 2x2 70x70 DC G4

FWHM / FWTM 86.0° / 116.0°
Efficiency 94 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White

Required components:



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PRODUCT DATASHEE

CS15765 HB-2X2MX-8-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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