PRODUCT DATASHEET CS15767_HB-2X2MX-8-M

HB-2X2MX-8-M

~30° wide beam. New revision.

SPECIFICATION:

Dimensions 90.0 x 90.0 mm

Height 16.4 mm

Fastening screw

Ingress protection classes IP67

ROHS compliant yes 1



MATERIALS:

ComponentTypeMaterialColourFinishHB-2X2MX-8-MMulti-lensPMMAclearSTRADA-2X2MX-8-SEALSealSiliconeclear

ORDERING INFORMATION:

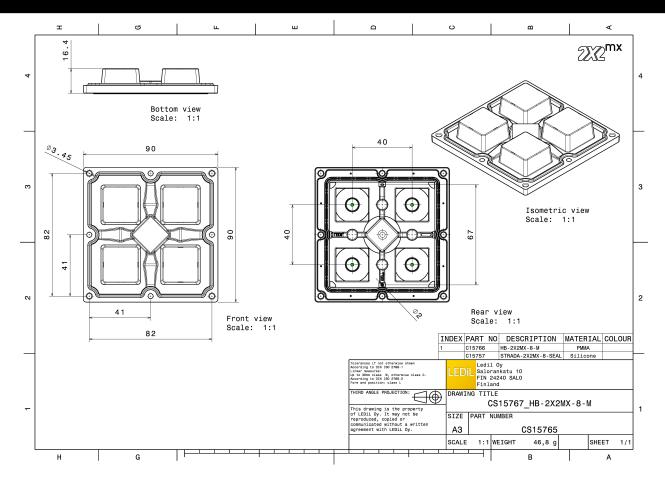
 Component
 Qty in box
 MOQ
 MPQ
 Box weight (kg)

 CS15767_HB-2X2MX-8-M
 Multi-lens
 156
 52
 52
 8.3

 » Box size: 480 x 280 x 300 mm



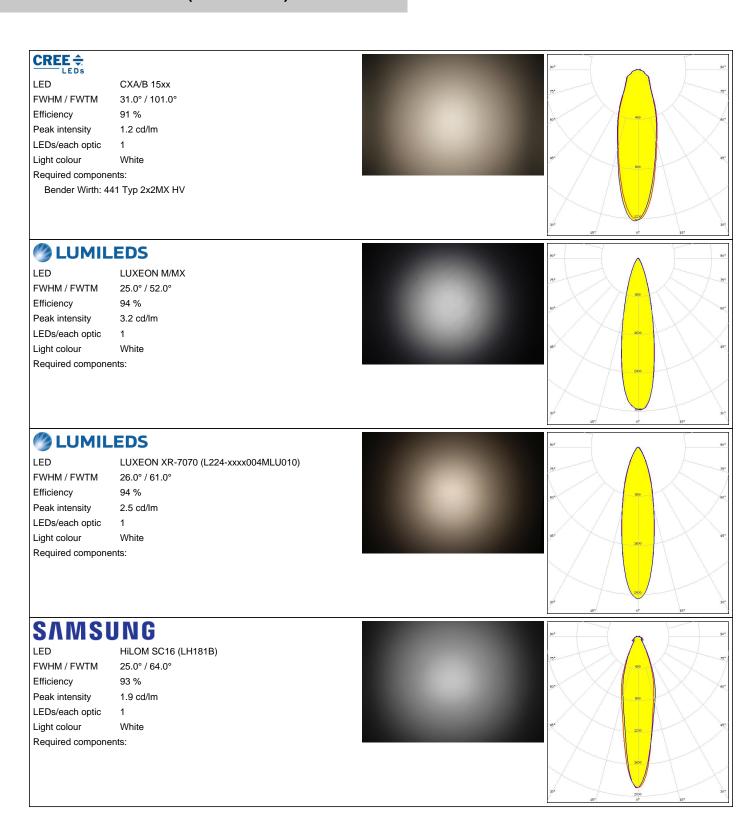
PRODUCT CS15767_HB-2X2MX-8-M



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

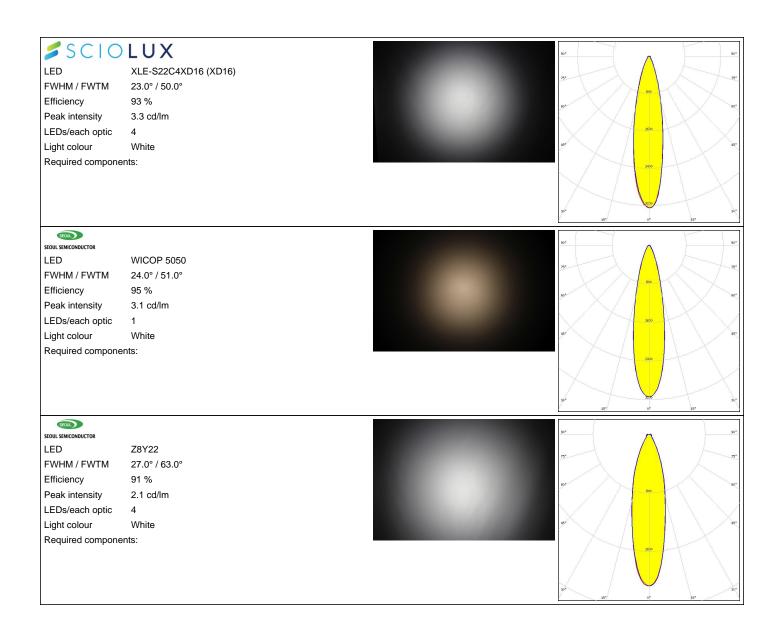


OPTICAL RESULTS (MEASURED):





OPTICAL RESULTS (MEASURED):



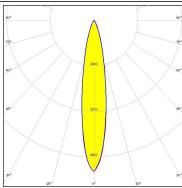


bridgelux

LED Bridgelux SMD 5050

FWHM / FWTM 19.0° / 43.0°
Efficiency 94 %
Peak intensity 5.3 cd/lm
LEDs/each optic 1
Light colour White

Required components:



CITIZEN

LED CLU700/701/702/703

FWHM / FWTM 22.0° / 58.0°

Efficiency 92 %

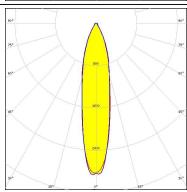
Peak intensity 2.9 cd/lm

LEDs/each optic 1

Light colour White

Required components:

Bender Wirth: 434 Typ 2x2MX HV



CREE \$

LED CMA1303 FWHM / FWTM 16.0° / 44.0°

Efficiency 96 %

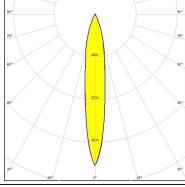
Peak intensity 5.7 cd/lm

LEDs/each optic 1

Light colour White

Required components:

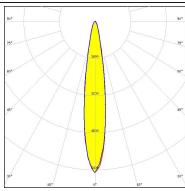
Bender Wirth: 448 Typ 2x2MX HV



CREE &

LED XHP35 HD
FWHM / FWTM 17.0° / 34.0°
Efficiency 94 %
Peak intensity 6.6 cd/lm
LEDs/each optic 1

Light colour White Required components:





CREE &

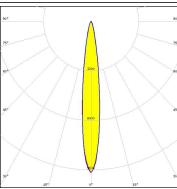
LED XHP35 HI

FWHM / FWTM 14.0° / 30.0° Efficiency 94 %

Peak intensity 9.8 cd/lm LEDs/each optic 1

Light colour White

Required components:



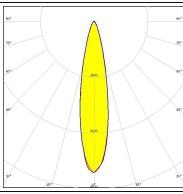
CREE &

LED XHP50.2 FWHM / FWTM 22.0° / 44.0°

Efficiency 94 %

Peak intensity 4.4 cd/lm LEDs/each optic 1

Light colour White Required components:



CREE -

LED XHP70.2

FWHM / FWTM 30.0° / 62.0°

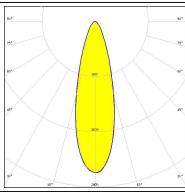
Efficiency 91 %

Peak intensity 2.2 cd/lm

LEDs/each optic 1
Light colour White

Required components:

Protective plate, glass



CREE ÷

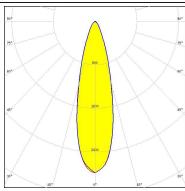
LED XHP70.3 HD

FWHM / FWTM 28.0° / 56.0°

Efficiency 96 %
Peak intensity 2.8 cd/lm

LEDs/each optic 1

Light colour White Required components:





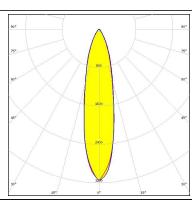


LED LUXEON 7070 FWHM / FWTM 24.0° / 58.0°

Efficiency 96 %
Peak intensity 3.2 cd/lm

LEDs/each optic 1
Light colour White

Required components:



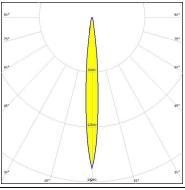
ELUMINUS

LED SFT-40-WCS FWHM / FWTM 10.0° / 20.0°

Efficiency 97 %
Peak intensity 17.7 cd/lm

LEDs/each optic 1
Light colour White

Required components:



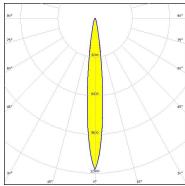
ELUMINUS

LED SFT-70X-WCS FWHM / FWTM 12.0° / 26.0°

Efficiency 97 %
Peak intensity 12.5 cd/lm

LEDs/each optic 1
Light colour White

Required components:



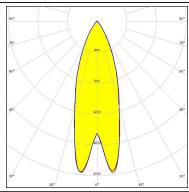
WNICHIA

LED NF2x757G

FWHM / FWTM 34.0° / 66.0 + 67.0°

Efficiency 97 %
Peak intensity 2 cd/lm
LEDs/each optic 4
Light colour White

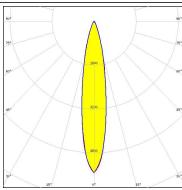
Required components:







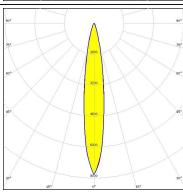
LED NFMW48xA $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 19.0° / 42.0° Efficiency 94 % Peak intensity 5.5 cd/lm LEDs/each optic Light colour White



WNICHIA

Required components:

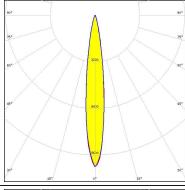
LED NV4WB35AM FWHM / FWTM 16.0° / 34.0° Efficiency 97 % Peak intensity 7.8 cd/lm LEDs/each optic 1 White Light colour Required components:



WNICHIA

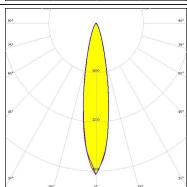
Required components:

LED NVSxE21A FWHM / FWTM 14.0° / 28.0° Efficiency 94 % Peak intensity 10.4 cd/lm LEDs/each optic 1 Light colour White



OSRAM

LED Duris S10 FWHM / FWTM 20.0° / 43.0° 94 % Efficiency Peak intensity 4.9 cd/lm LEDs/each optic White Light colour Required components:





OSRAM

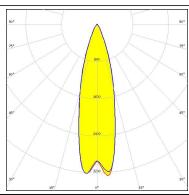
 LED
 OSCONIQ C 2424

 FWHM / FWTM
 28.0° / 52.0°

 Efficiency
 97 %

Peak intensity 3.3 cd/lm
LEDs/each optic 4
Light colour White

Required components:

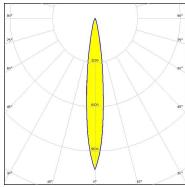


SAMSUNG

LED LH181B
FWHM / FWTM 14.0° / 28.0°
Efficiency 96 %

Peak intensity 11 cd/lm
LEDs/each optic 1
Light colour White

Required components:



SAMSUNG

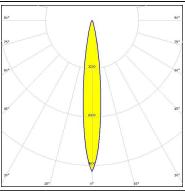
 LED
 LH231B

 FWHM / FWTM
 14.0° / 30.0°

 Efficiency
 96 %

Peak intensity 10 cd/lm LEDs/each optic 1 Light colour White

Required components:





PRODUCT DATASHEET CS15767_HB-2X2MX-8-M

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.

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