



HB-2X2MX-M – The new industry standard family keeps growing

LEDiL's 2X2MX standard family expands with the medium beam pattern allowing higher installations than existing HB-2X2MX-W. Typical FWHM of 25 degrees is targeted for high bay installations in for example high storage and sports arenas requiring higher installation heights. Like all of LEDiL HB-modules, 2X2MX-M has DLC compliant beam pattern and highly efficient optics, designed to maximize performance of your luminaire. HB-2X2MX-M comes with an integrated silicone gasket allowing ingress protection against dust and dirt up to IP67. HB-2X2MX-M is based on LEDiL's standard 2X2MX ecosystem offering a range of off-the-shelf third party components completing the offering.

FEATURES

- Standard 90 x 90 mm 2X2MX platform
- Modular structure enables wide compatibility and easy modification
- One luminaire design can be used in different applications by changing the lens module
- Integrated silicone gasket for ingress protection up to IP67
- For super high power LEDs up to 7070 package sizes*

TYPICAL APPLICATIONS

- High bay lighting
- Warehouses and other commercial, industrial and manufacturing structures

* Go to www.ledil.com/product_search for complete listing of all qualified LEDs. Please send qualification request on email in case you think we are missing a specific LED.

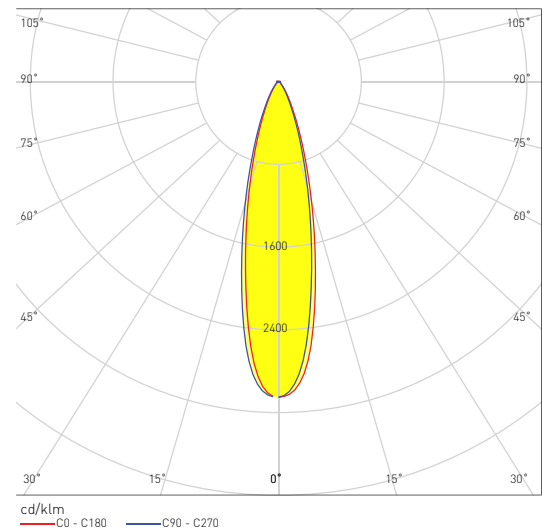


CS14840_HB-2X2MX-M

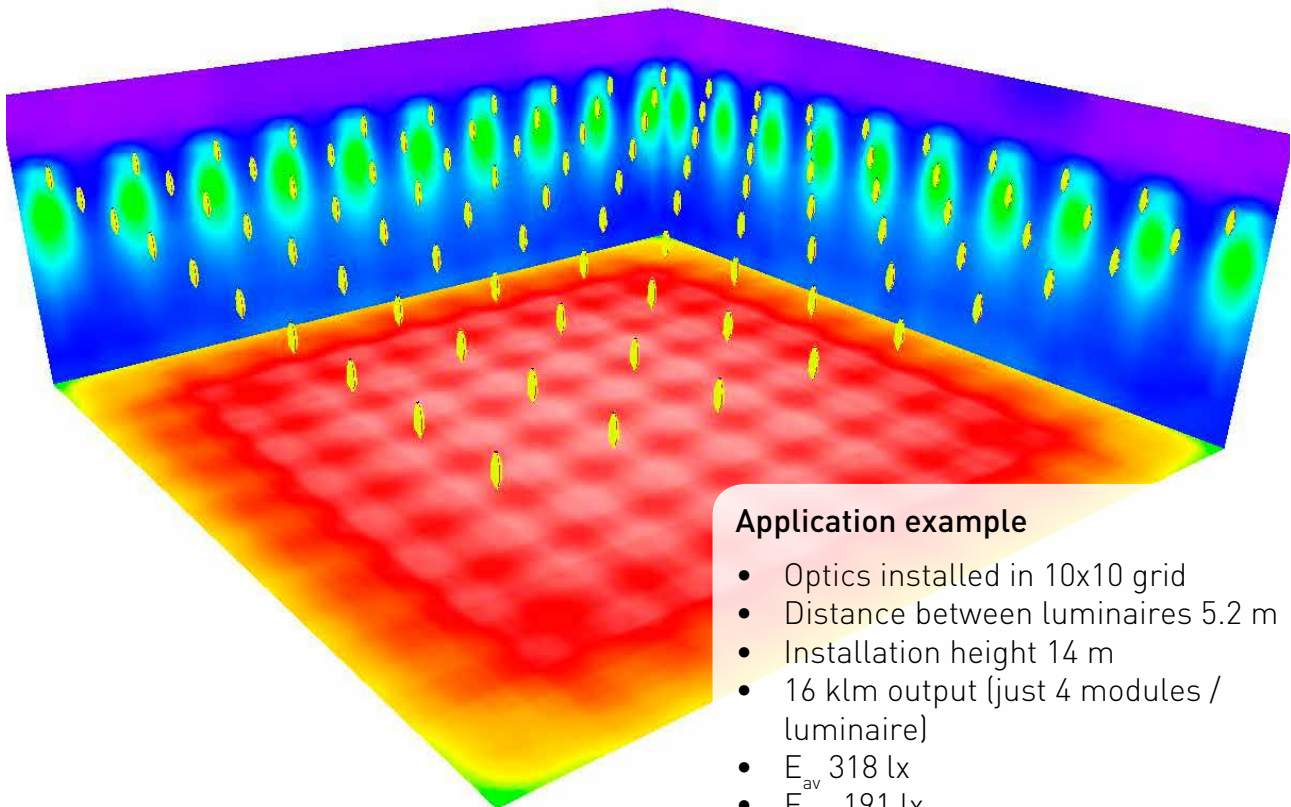
™ **2X2** mx

TECHNICAL SPECIFICATIONS

- Height: 16.4 mm
- Dimensions: 90 x 90 mm
- Typical efficiency: 91%
- Typical FWHM: 25°
- Precision-molded from optical grade PMMA – UL94 HB rated material with operating rating -40°C to +80°C



DESIGN EXAMPLE



Application example

- Optics installed in 10x10 grid
- Distance between luminaires 5.2 m
- Installation height 14 m
- 16 klm output (just 4 modules / luminaire)
- E_{av} 318 lx
- E_{min} 191 lx
- E_{max} 354 lx
- $u0$ 0.600

ORDERING INFORMATION

CS14840_HB-2X2MX-M

Consult www.ledil.com for ordering codes and latest product specifications, which may vary by LED