



## 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](http://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.

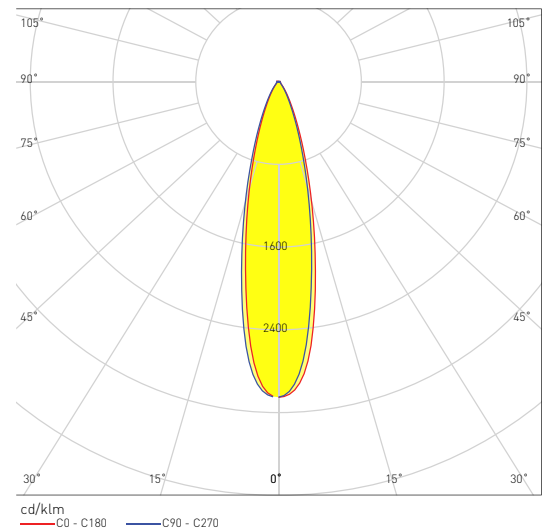


CS14840\_HB-2X2MX-M

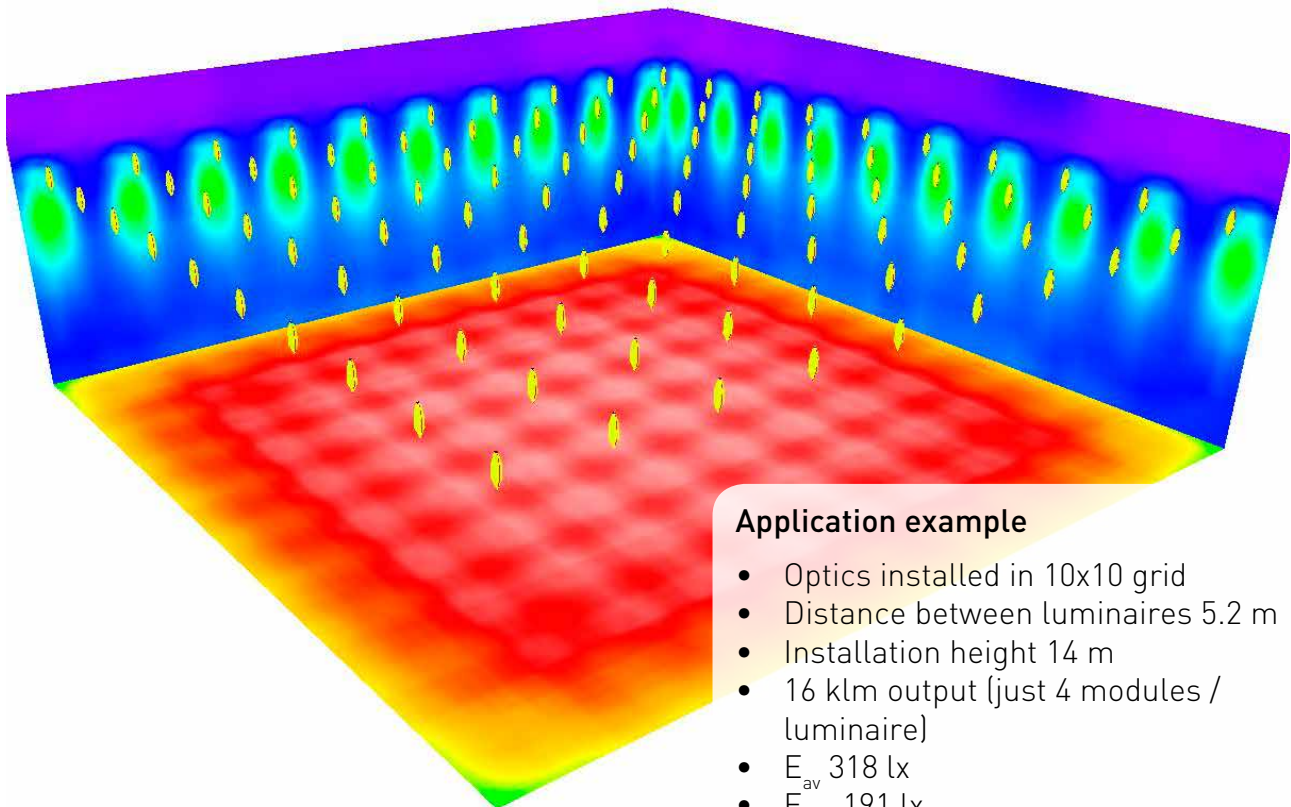
™ **2X2** mx

## 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](http://www.ledil.com) for ordering codes and latest product specifications, which may vary by LED

## X-ON Electronics

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