LEDiL®

PRODUCT FAMILY DATASHEET
HB-2X2

HIGHBAY

Standardized modular product family designed for industrial lighting, but also suitable for wide range of other applications



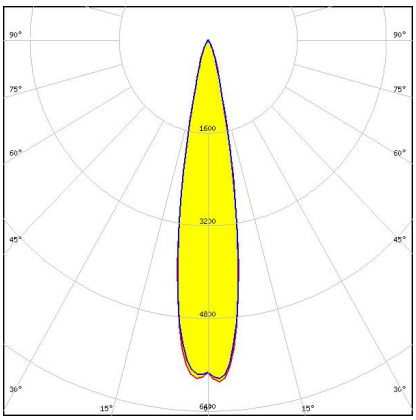
HIGHBAY lenses are designed for DLC compliant high bay applications where the mounting height of the lighting fixtures is usually over ten meters. There are different lenses for different lighting situations and mounting heights; generally, the wider the beam the lower the luminaire can be mounted. LEDiL provides a wide assortment of high bay lenses in different shapes with a modular structure enabling wide compatibility and easy modification of luminaires. High bay lenses can also be used in other applications, such as indoor architectural and general lighting.

HB-2X2

50 x 50 mm 2X2 arrays for up to 5050 size LED packages

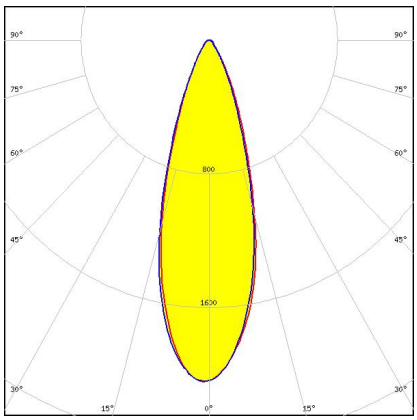
PRODUCTS:

C14541_HB-2X2-RS



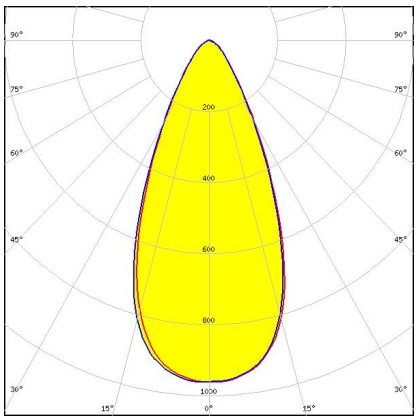
Dimensions: 50.0 mm x 50.0 mm
Height: 10.00 mm
~10° spot beam

C16855_HB-2X2-M-PC



Dimensions: 50.0 mm x 50.0 mm
Height: 8.50 mm
~25° medium beam optimized for CREE XP-L and XM-L. Variant made from PC.

C14406_HB-2X2-W-PC



Dimensions: 50.0 mm x 50.0 mm
Height: 8.50 mm
~50° wide beam. Variant made from PC.

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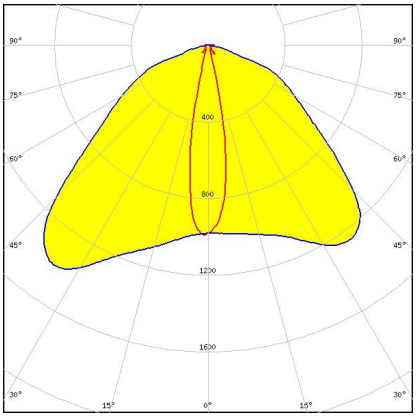
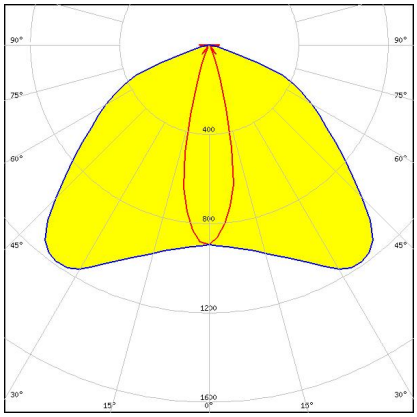
PRODUCTS:

C16044_HB-2X2-O-PC



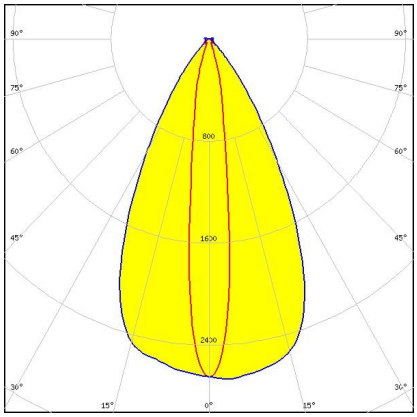
Dimensions: 50.0 mm x 50.0 mm
Height: 10.60 mm
~20° + 115° oval beam for aisle lighting

C13749_HB-2X2-O



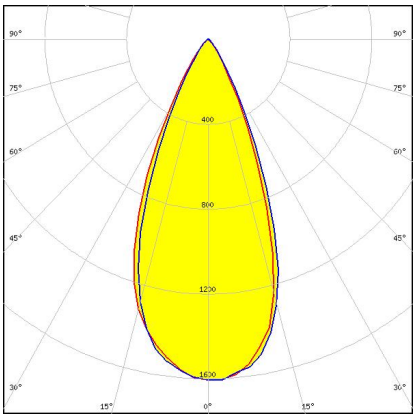
Dimensions: 50.0 mm x 50.0 mm
Height: 10.60 mm
~20° + 115° oval beam for aisle lighting

C15925_HB-2X2-ON



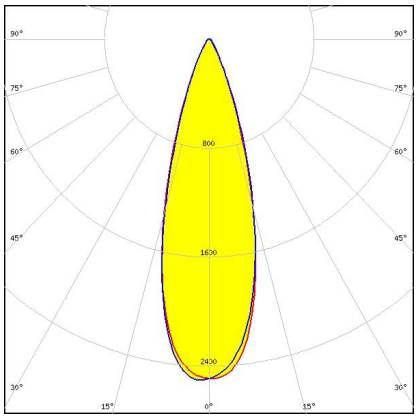
Dimensions: 50.0 mm x 50.0 mm
Height: 10.00 mm
~15° + 50° oval beam

C13605_HB-2X2-RW



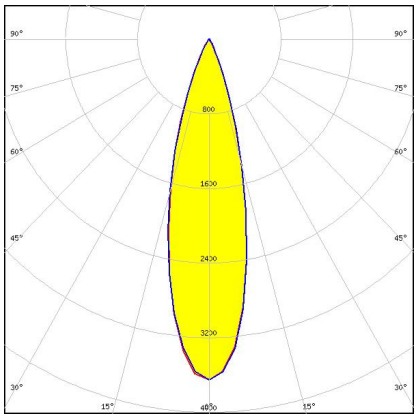
Dimensions: 50.0 mm x 50.0 mm
Height: 8.50 mm
~50° wide beam

C14990_HB-2X2-M-PC



Dimensions: 50.0 mm x 50.0 mm
Height: 8.50 mm
~25° medium beam. Variant made from PC.

C13239_HB-2X2-M-BLIND



Dimensions: 50.0 mm x 50.0 mm
Height: 8.50 mm
~25° medium beam without centre screw hole for easier potting

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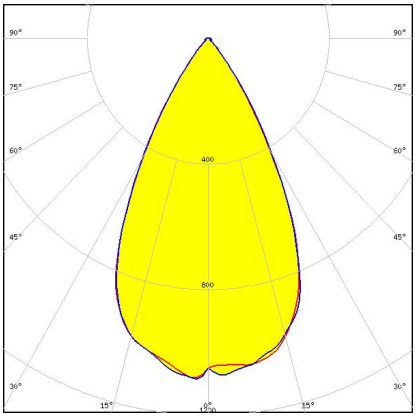
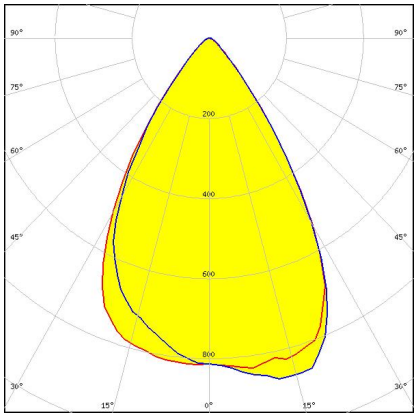
PRODUCTS:

C14928_HB-2X2-RW-PC



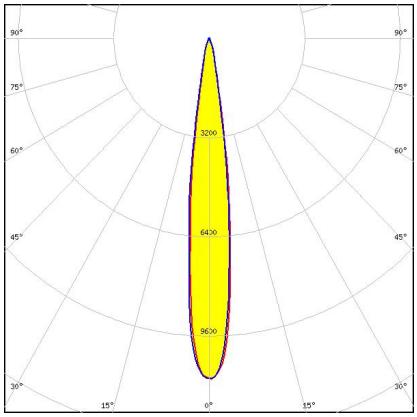
Dimensions: 50.0 mm x 50.0 mm
Height: 8.50 mm
~50° wide beam. Variant made from PC.

C13237_HB-2X2-WW-BLIND



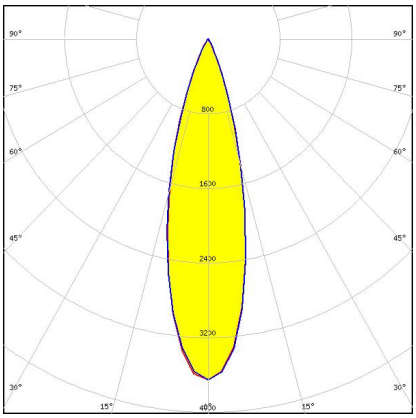
Dimensions: 50.0 mm x 50.0 mm
Height: 8.50 mm
~65° wide beam without centre screw hole for easier potting

C14729_HB-2X2-RS-PC



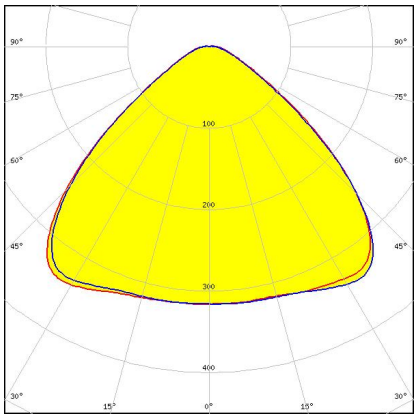
Dimensions: 50.0 mm x 50.0 mm
Height: 10.00 mm
~10° spot beam. Variant made from PC.

C13233_HB-2X2-M



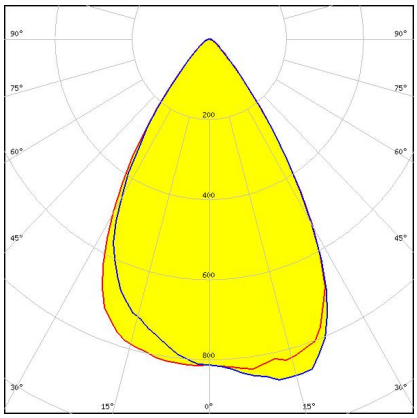
Dimensions: 50.0 mm x 50.0 mm
Height: 8.50 mm
~25° medium beam

C14724_HB-2X2-WWW



Dimensions: 50.0 mm x 50.0 mm
Height: 10.00 mm
~100° wide beam

C13232_HB-2X2-WW



Dimensions: 50.0 mm x 50.0 mm
Height: 8.50 mm
~65° wide beam

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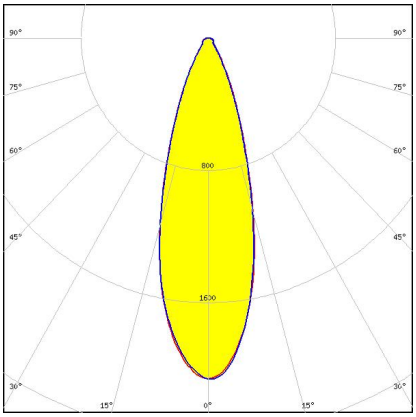
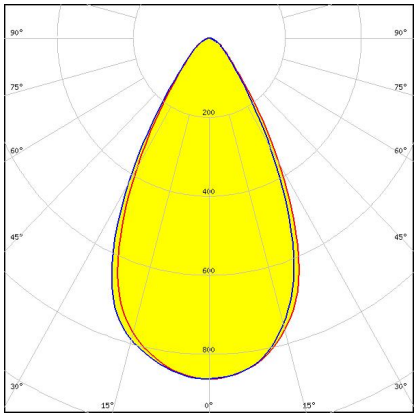
PRODUCTS:

C14607_HB-2X2-M



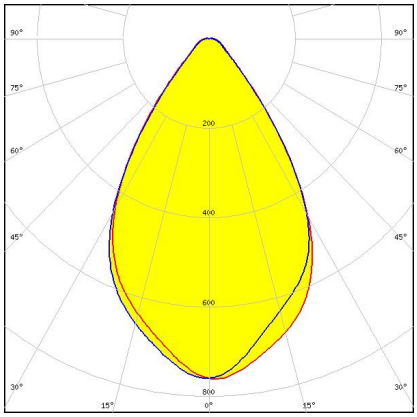
Dimensions: 50.0 mm x 50.0 mm
Height: 8.50 mm
~25° medium beam optimized for CREE XP-L and XM-L

C12361_HB-2X2-W



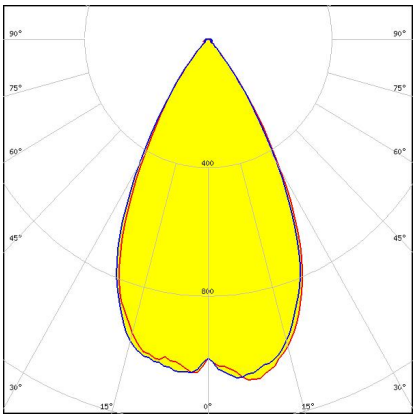
Dimensions: 50.0 mm x 50.0 mm
Height: 8.50 mm
~50° wide beam

C14606_HB-2X2-WW



Dimensions: 50.0 mm x 50.0 mm
Height: 8.50 mm
~65° wide beam optimized for CREE XP-L and XM-L

C14605_HB-2X2-RW



Dimensions: 50.0 mm x 50.0 mm
Height: 8.50 mm
~50° wide beam optimized for CREE XP-L and XM-L

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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.

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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