

## HB-2X2-M-PC

~25° medium beam optimized for CREE XP-L and XM-L. Variant made from PC.

## SPECIFICATION:

**Dimensions** 50.0 x 50.0 mm Height 8.5 mm Fastening pin, screw yes 🕕 **ROHS** compliant



## **MATERIALS:**

Component **Type** Material Colour **Finish** HB-2X2-M-PC Multi-lens PC clear

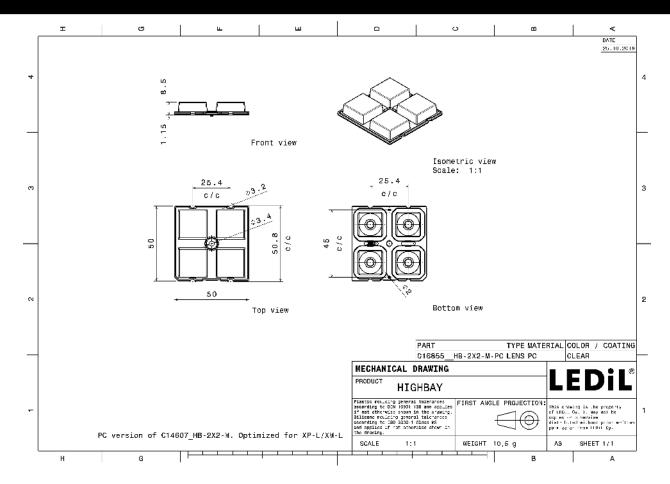
## **ORDERING INFORMATION:**

Component Qty in box MOQ MPQ Box weight (kg) 9.6

C16855\_HB-2X2-M-PC 800 160 160 » Box size: 480 x 280 x 300 mm



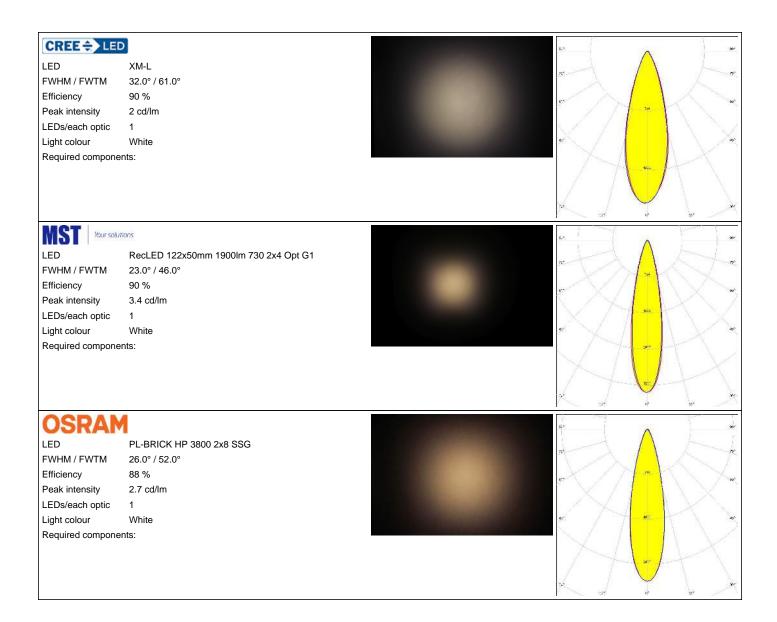
# PRODUCT DATASHEET C16855\_HB-2X2-M-PC



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



## **OPTICAL RESULTS (MEASURED):**





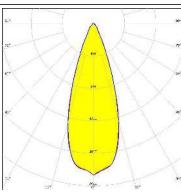
## **OPTICAL RESULTS (SIMULATED):**



LED LUXEON XR-HL2X (L2H2-xxxxxxxMLU010)

FWHM / FWTM 36.0° / 60.0° Efficiency 87 % Peak intensity 1.9 cd/lm LEDs/each optic Light colour White

Required components:

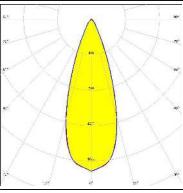


## **LUMILEDS**

LED LUXEON XR-HL2X (L2H2-xxxxxxxMLU010)

FWHM / FWTM 36.0° / 60.0° Efficiency 79 % Peak intensity 1.7 cd/lm LEDs/each optic 1 White Light colour

Protective plate, glass

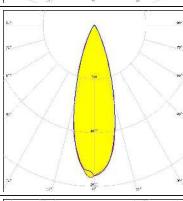


## **WNICHIA**

Required components:

LED NV4WB35AM FWHM / FWTM 32.0° / 57.0° Efficiency 87 % Peak intensity 2.3 cd/lm

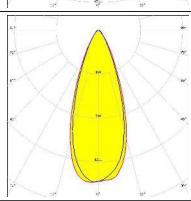
LEDs/each optic Light colour White Required components:



## OSRAM Opto Semiconductors

LED Duris S8 FWHM / FWTM 39.0° / 70.0° Efficiency 84 % Peak intensity 1.4 cd/lm LEDs/each optic

White Light colour Required components:





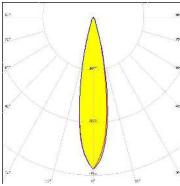
## **OPTICAL RESULTS (SIMULATED):**

#### OSRAM Opto Semiconductors

LED OSCONIQ C 2424 FWHM / FWTM 21.0 + 22.0° / 38.0°

Efficiency 87 %
Peak intensity 4.6 cd/lm
LEDs/each optic 1
Light colour White

Required components:

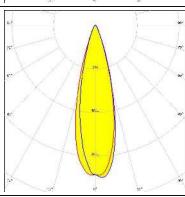


### OSRAM Opto Semiconductor

LED OSLON Square CSSRM2/CSSRM3

FWHM / FWTM 27.0° / 48.0°
Efficiency 85 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour White

Required components:



## SAMSUNG

 LED
 LH351C

 FWHM / FWTM
 36.0° / 61.0°

 Efficiency
 86 %

 Peak intensity
 1.9 cd/lm

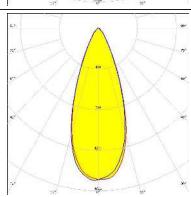
LEDs/each optic 1
Light colour White
Required components:

## SAMSUNG

LED LH351D FWHM / FWTM 40.0° / 71.0° Efficiency 86 %

Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White

Required components:





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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.

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