

HB-2X2-M

~25° medium beam

SPECIFICATION:

Dimensions	50.0 x 50.0 mm
Height	8.5 mm
Fastening	glue, pin, screw
ROHS compliant	yes 🛈



PRODUCT DATASHEET C13233_HB-2X2-M

MATERIALS:

Component	Туре	Material	Colour	Finish	Length
HB-2X2-M	Multi-lens	PMMA	clear		50.0

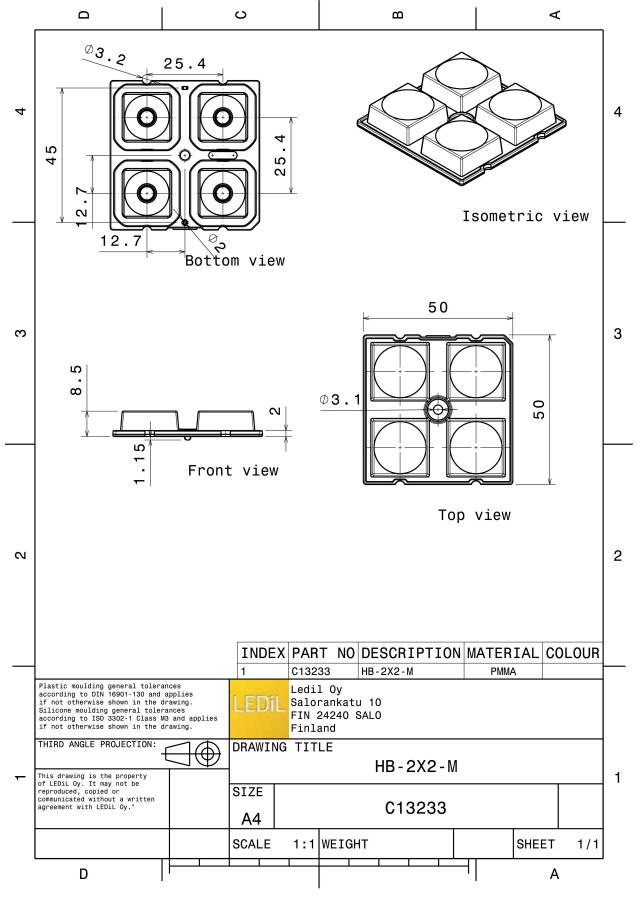
ORDERING INFORMATION:

Component C13233_HB-2X2-M » Box size: 480 x 280 x 300 mm

Qty in box	MOQ	MPQ	Box weight (kg)
800	160	160	9.2

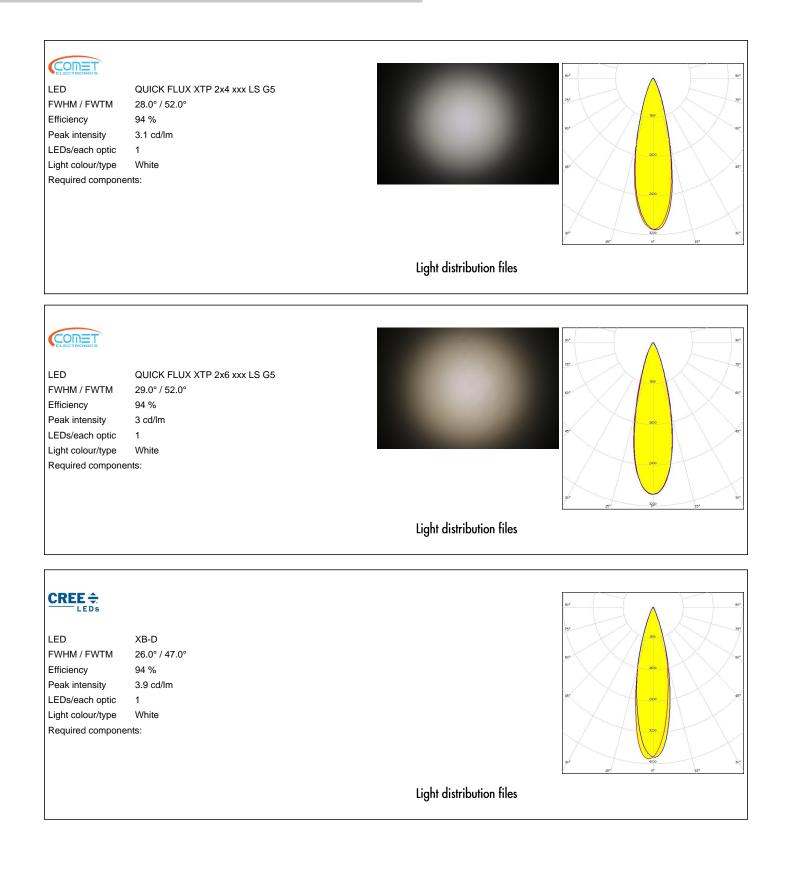
PRODUCT DATASHEET C13233_HB-2X2-M



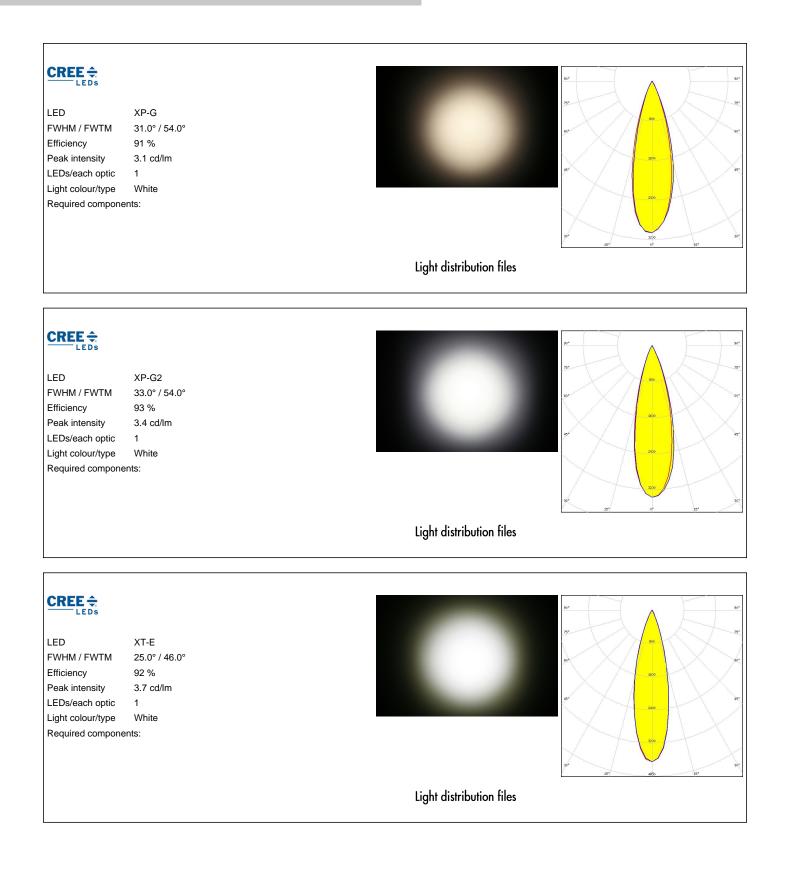


See also our general installation guide: <u>www.ledil.com/installation_guide</u>

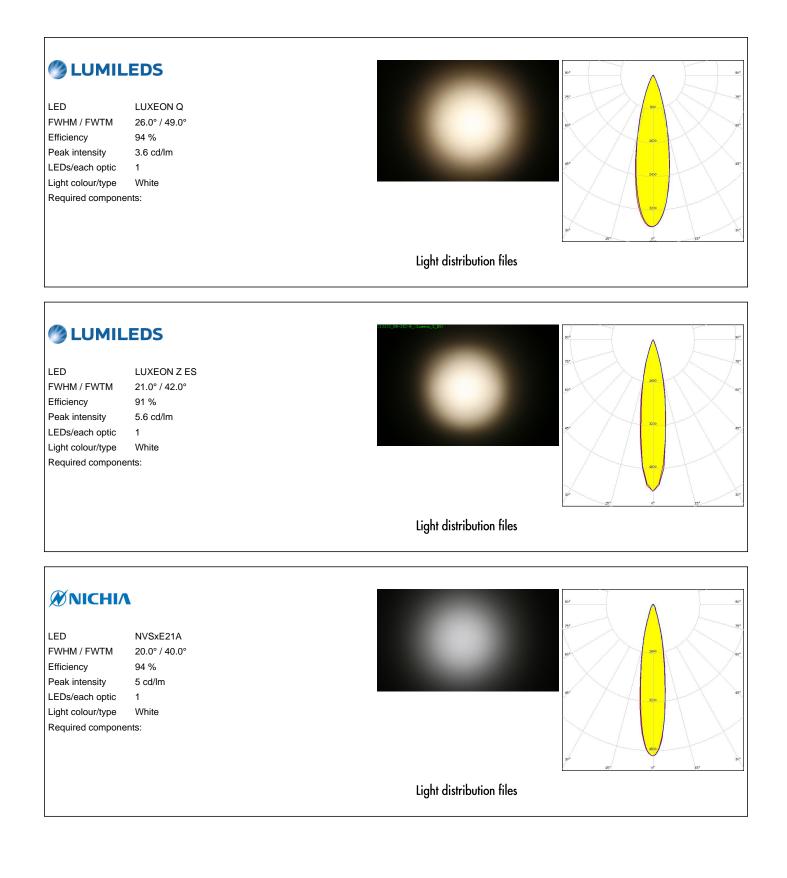




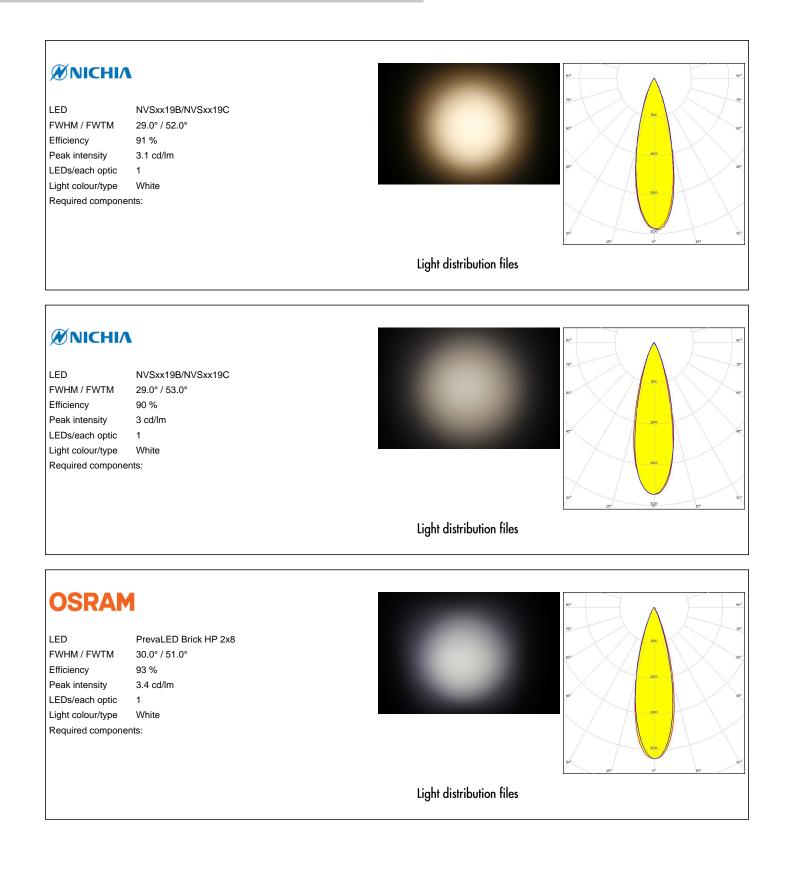




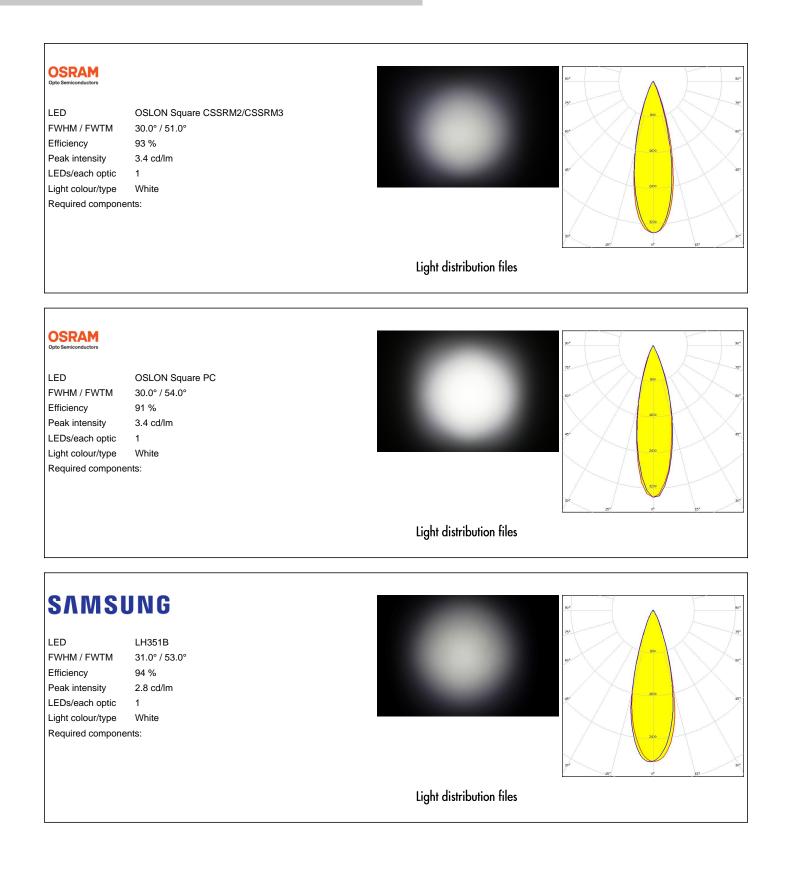




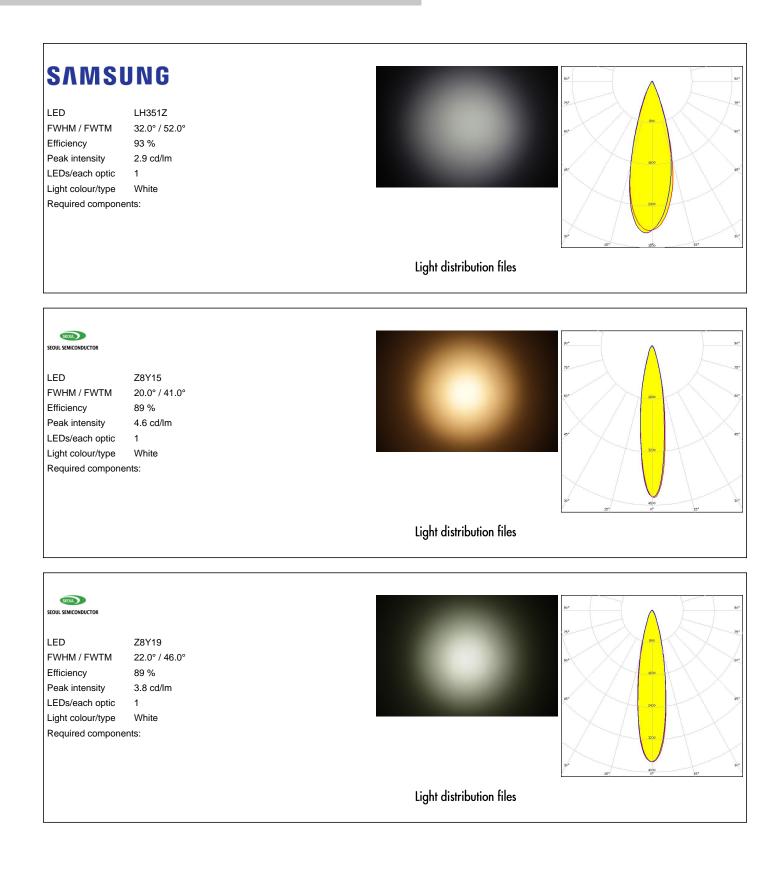














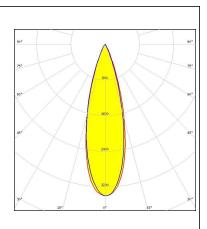
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone	Z8Y22 24.0° / 53.0° 94 % 3 cd/lm 1 White ents:	
		Light distribution files
SEQUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone	Z8Y22P 28.0° / 56.0° 94 % 2.9 cd/lm 1 White ents:	Light distribution files
TOSHIBA Leading Innovation » LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone	TL1L4 25.0° / 46.0° 85 % 3.5 cd/lm 1 White ents:	Light distribution files



TRIDONIC

LEDRLE 2xFWHM / FWTM29.0° / 5Efficiency93 %Peak intensity3.4 cd/mLEDs/each optic1Light colour/typeWhiteRequired components:

RLE 2x4 2000lm HP EXC2 OTD 29.0° / 50.0° 93 % 3.4 cd/lm 1 White hts:

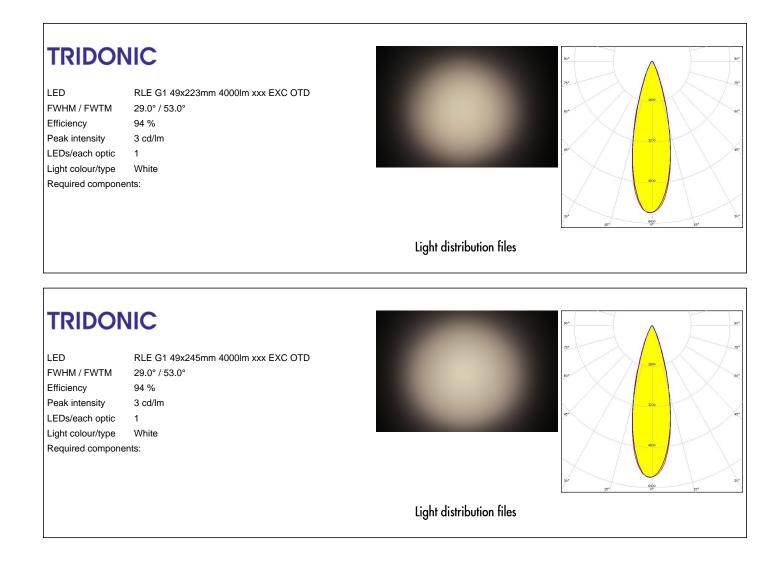


Light distribution files

TRIDONIC LED RLE G1 49x121mm 2000lm xxx EXC OTD FWHM / FWTM 29.0° / 53.0° Efficiency 94 % Peak intensity 3 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files TRIDONIC LED RLE G1 49x133mm 2000lm xxx EXC OTD FWHM / FWTM 29.0° / 53.0° Efficiency 94 % Peak intensity 3 cd/lm LEDs/each optic 1 Light colour/type White Required components:

Light distribution files





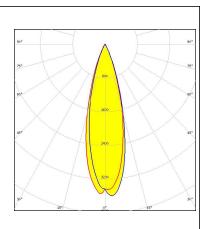


CREE Constructions	XD16 28.0° / 48.0° 95 % 3.6 cd/lm 1 White	30, 30, 30, 50, 50, 50, 50, 50, 50, 50, 5
		Light distribution files
CREE S LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components: Protective plat		Light distribution files
CREECS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	XQ-E HI 22.0° / 42.0° 93 % 5.5 cd/lm 1 White	Light distribution files

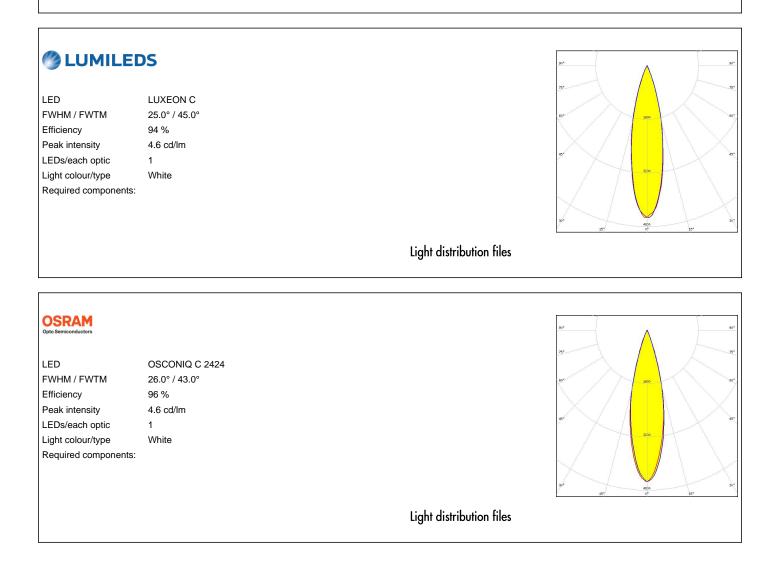


LUMILEDS

LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components: LUXEON 3030 2D (Round LES) 28.0° / 49.0° 94 % 3.6 cd/lm 1 White



Light distribution files





Corrections LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	OSCONIQ C 3030 28.0° / 46.0° 96 % 3.9 cd/lm 1 White		20 20 50 50 50 50 50 50 50 50 50 5
		Light distribution files	
COSRAM Opto Semiconductors	OSCONIQ C 3030 28.0° / 46.0° 88 % 3.6 cd/lm 1 White	Light distribution files	500 500 500 500 500 500 500 500 500 500
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	OSLON Square CSSRM2/CSSRM3 36.0° / 56.0° 87 % 2.3 cd/lm 1 White		20° - 20° - 20° 50° - 50° 50° -
Protective plate	e, glass	Light distribution files	



OSRAM Opto Semiconductors LED OSLON SSL 80 FWHM / FWTM 29.6° / 48.1° Efficiency 94 % Peak intensity 3.5 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files **SAMSUNG** I FD I H231B 28.0° / 50.0° FWHM / FWTM 94 % Efficiency Peak intensity 3.4 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files SEOUL SEOUL SEMICONDUCTOR LED Z8Y22T FWHM / FWTM 28.0° / 51.0° Efficiency 94 % Peak intensity 3.4 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files



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:

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LEDiL Oy

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