

HB-2X2-M

~25° medium beam

TECHNICAL SPECIFICATIONS:

Dimensions 50.0 mm Height 8.5 mm

Fastening glue, screw, pin

Colour clear

Box size 480 x 280 x 300 mm

Box weight 9.2 kg

Quantity in Box 800 pcs

ROHS compliant yes 1



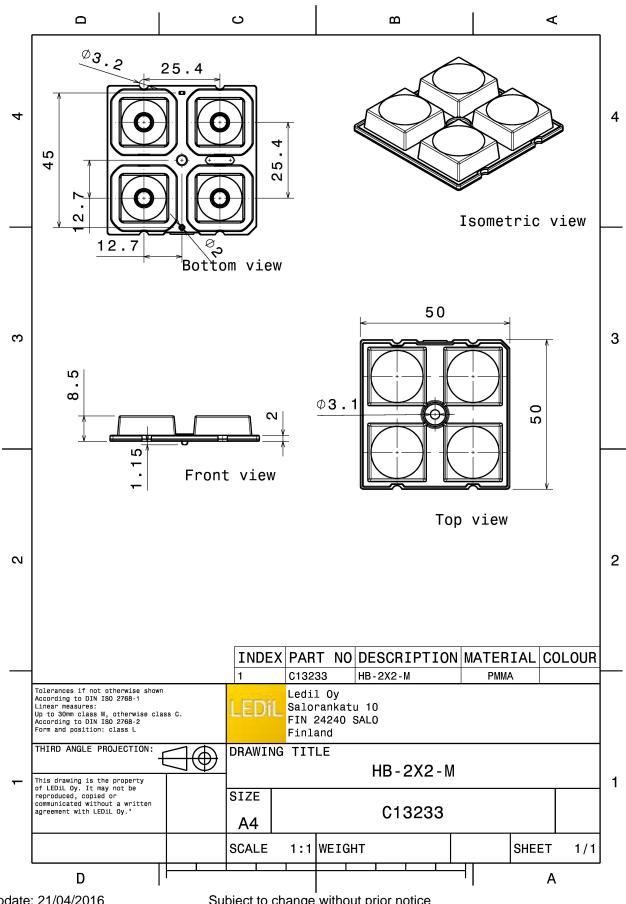
MATERIAL SPECIFICATIONS:

ComponentTypeMaterialColourHB-2X2-MMulti-lensPMMAclear



PRODUCT DATASHEET

C13233_HB-2X2-M



Last update: 21/04/2016

Subject to change without prior notice

PHOTOMETRIC DATA (MEASURED):

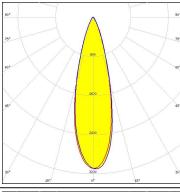


LED QUICK FLUX XTP 2x4 xxx LS G5

FWHM 28.0° Efficiency 94 % Peak intensity 3.100 cd/lm

LEDs/each optic 1
Light colour White
Required components:





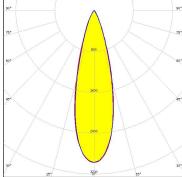
CONET

LED QUICK FLUX XTP 2x6 xxx LS G5

FWHM 29.0° Efficiency 94 % Peak intensity 3.000 cd/lm

LEDs/each optic 1
Light colour White
Required components:

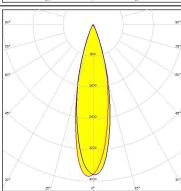




CREE \$

LED XB-D
FWHM 26.0°
Efficiency 94 %
Peak intensity 3.900 cd/lm

LEDs/each optic 1
Light colour White
Required components:

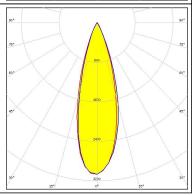


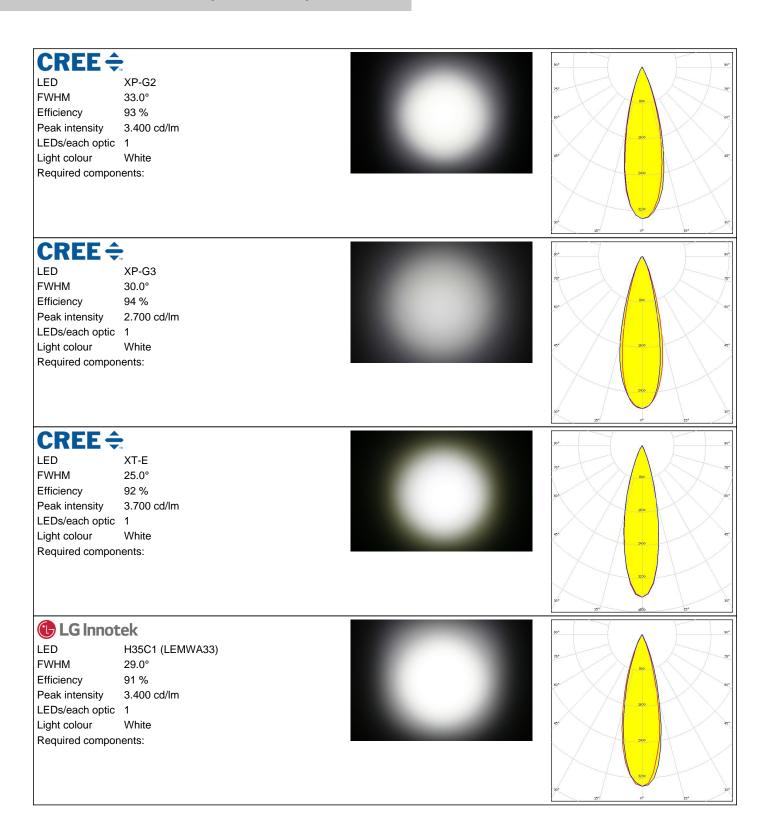
CREE \$

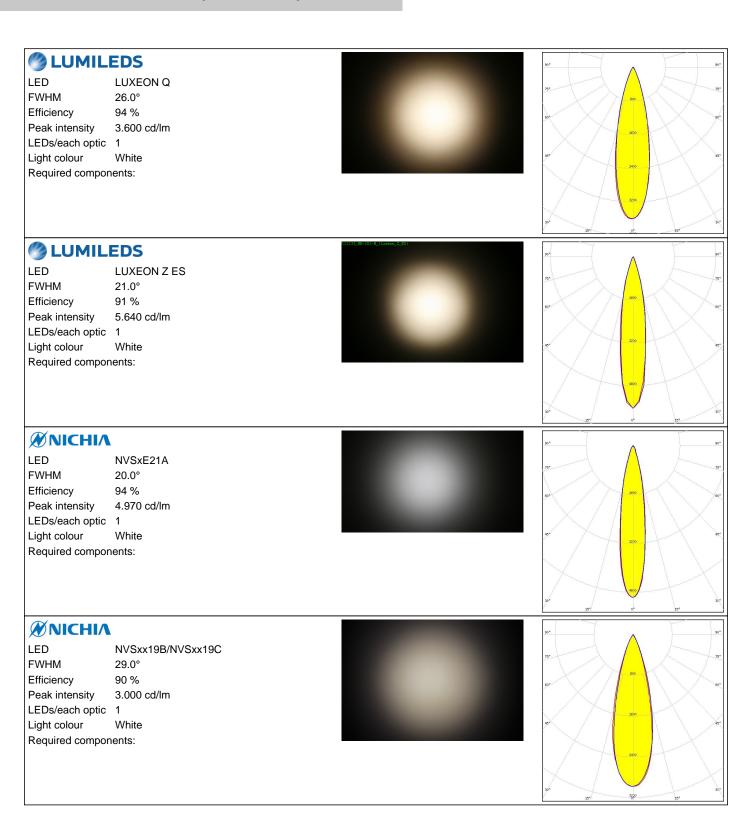
LED XP-G
FWHM 31.0°
Efficiency 91 %
Peak intensity 3.100 cd/lm

LEDs/each optic 1
Light colour White
Required components:









PHOTOMETRIC DATA (MEASURED):

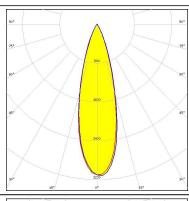
WNICHIA

LED NVSxx19B/NVSxx19C

FWHM 29.0° Efficiency 91 % Peak intensity 3.100 cd/lm

LEDs/each optic 1 Light colour White Required components:



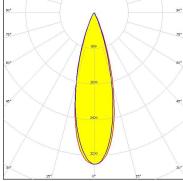


LED PrevaLED Brick HP 2x8

FWHM 30.0° 93 % Efficiency Peak intensity 3.400 cd/lm

LEDs/each optic 1 White Light colour Required components:





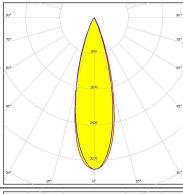
OSRAM Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3

FWHM 30.0° Efficiency 93 % Peak intensity 3.400 cd/lm

LEDs/each optic 1 Light colour White Required components:





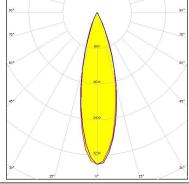
OSRAM Opto Semiconductors

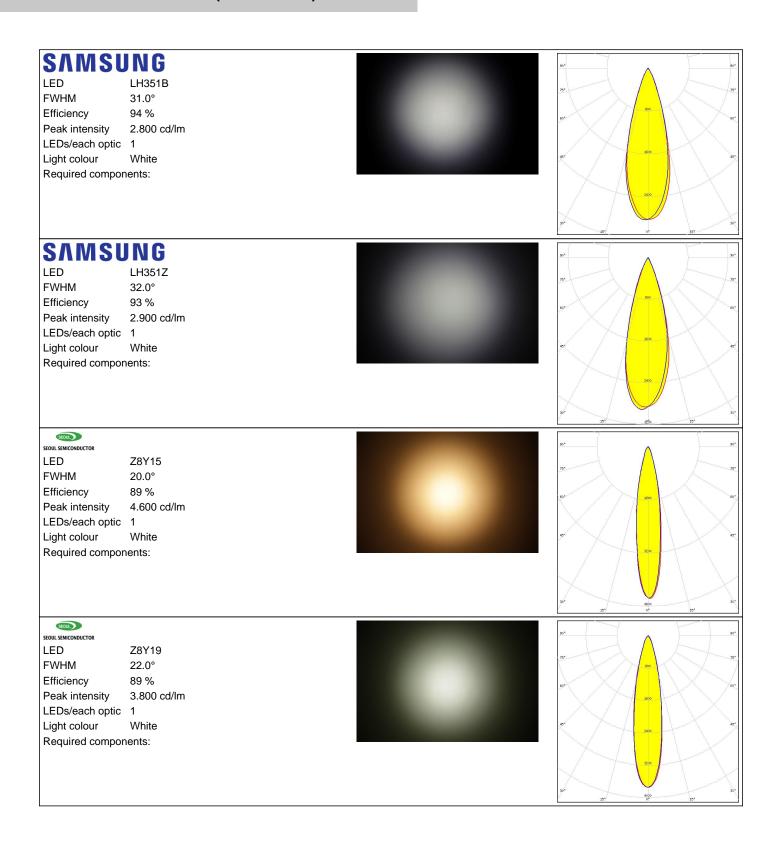
LED OSLON Square PC

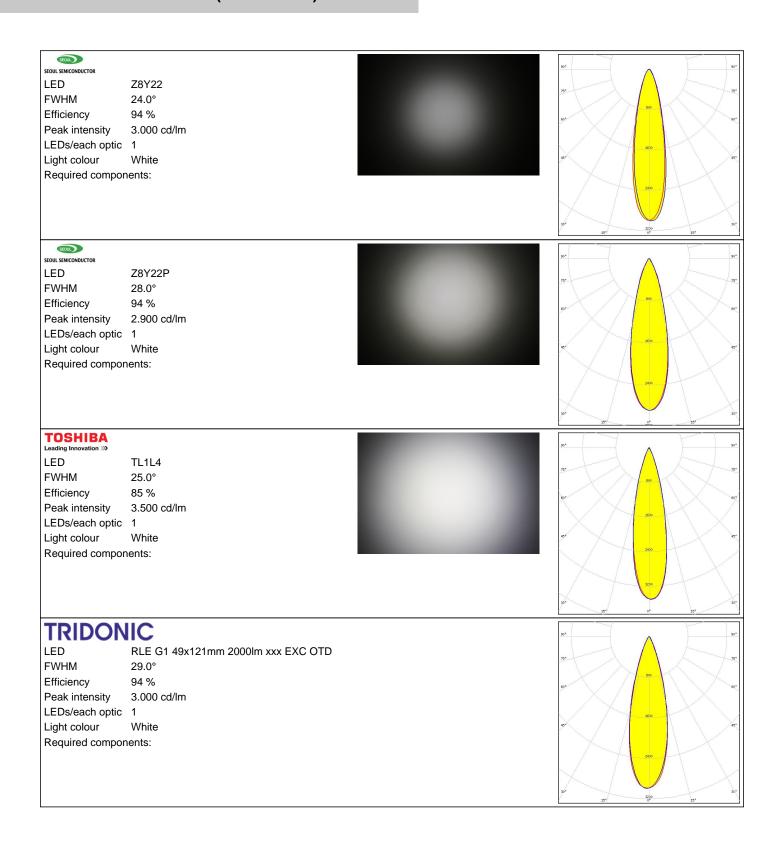
FWHM 30.0° Efficiency 91 % Peak intensity 3.400 cd/lm

LEDs/each optic 1 White Light colour Required components:









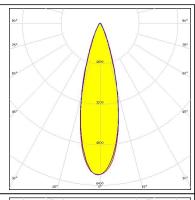
PHOTOMETRIC DATA (MEASURED):

TRIDONIC

LED RLE G1 49x133mm 2000lm xxx EXC OTD

FWHM 29.0° Efficiency 94 % Peak intensity 3.000 cd/lm

LEDs/each optic 1
Light colour White
Required components:



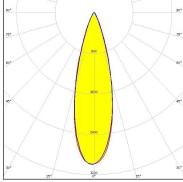
TRIDONIC

LED RLE G1 49x223mm 4000lm xxx EXC OTD

FWHM 29.0° Efficiency 94 % Peak intensity 3.000 cd/lm

LEDs/each optic 1
Light colour White
Required components:





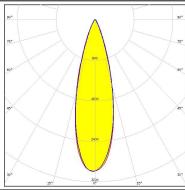
TRIDONIC

LED RLE G1 49x245mm 4000lm xxx EXC OTD

FWHM 29.0°
Efficiency 94 %
Peak intensity 3.000 cd/lm

LEDs/each optic 1 Light colour White Required components:





PHOTOMETRIC DATA (SIMULATED):

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 LED
 XP-G2

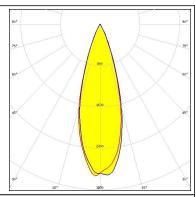
 FWHM
 32.0°

 Efficiency
 93 %

Peak intensity 3.000 cd/lm

LEDs/each optic 1 Light colour White Required components:

Transparent protective cover



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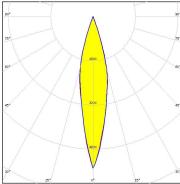
 LED
 XQ-E HI

 FWHM
 22.0°

 Efficiency
 93 %

Peak intensity 5.500 cd/lm

LEDs/each optic 1 Light colour White Required components:

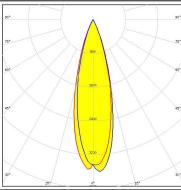


MILEDS

LED LUXEON 3030 2D (Round LES)

FWHM 28.0° Efficiency 94 % Peak intensity 3.600 cd/lm

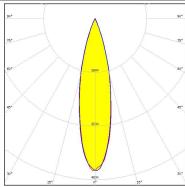
LEDs/each optic 1
Light colour White
Required components:



DESCRIPTION LUMILEDS

LED LUXEON C
FWHM 25.0°
Efficiency 94 %
Peak intensity 4.600 cd/lm

LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

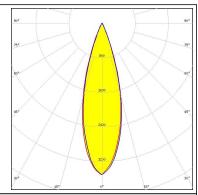
OSRAM

Opto Semiconducto

OSLON SSL 80

FWHM 29.6° Efficiency 94 % Peak intensity 3.500 cd/lm

LEDs/each optic 1
Light colour White
Required components:

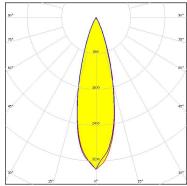


SAMSUNG

LED LH231B FWHM 28.0°

Efficiency 94 %
Peak intensity 3.387 cd/lm

LEDs/each optic 1 Light colour White Required components:

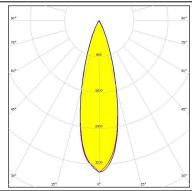


SEOUL SENICONDUCTO

LED Z8Y22T FWHM 28.0°

Efficiency 94 % Peak intensity 3.380 cd/lm

Peak intensity 3.380
LEDs/each optic 1
Light colour White
Required components:





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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