

HB-2X2-WW

 $\sim\!65^\circ$ wide beam optimized for CREE XP-L and XM-L

TECHNICAL SPECIFICATIONS:

Dimensions 50.0 mm

Height 8.5 mm

Fastening pin, screw

Colour clear

Box size 480 x 280 x 300 mm

Box weight 9.2 kg

Quantity in Box 800 pcs

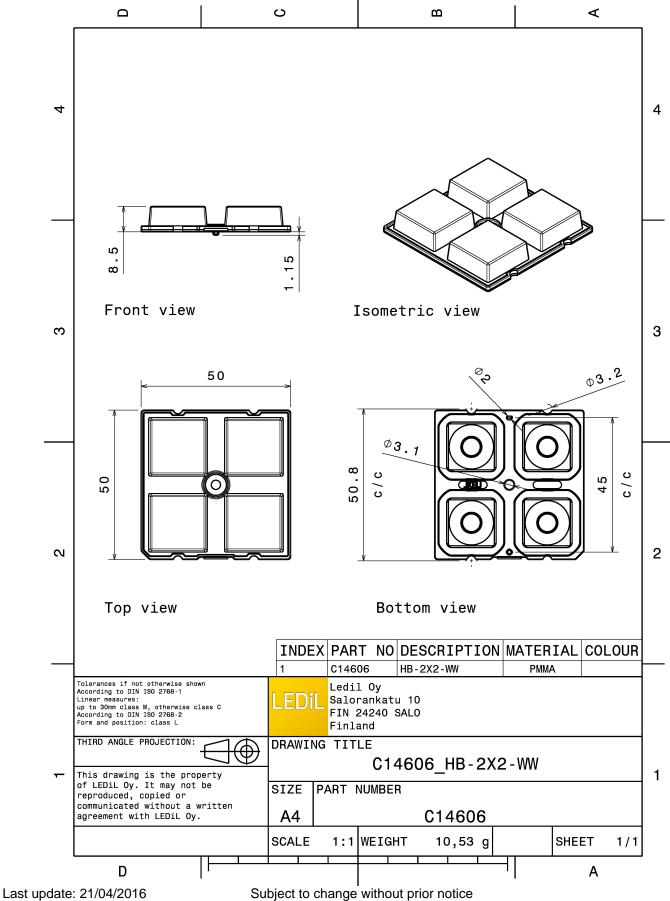
ROHS compliant yes 1

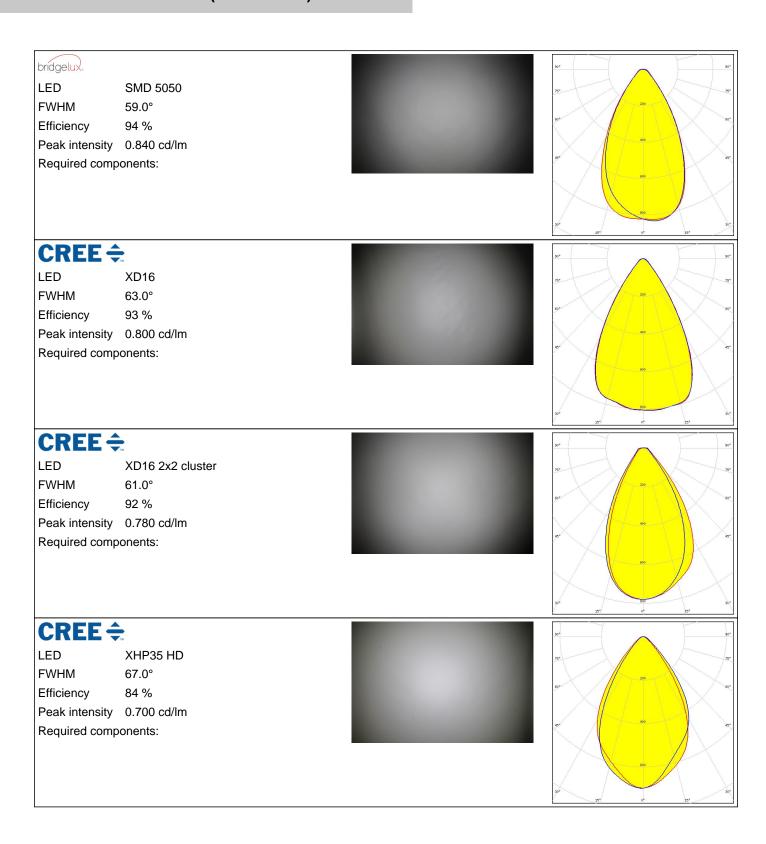


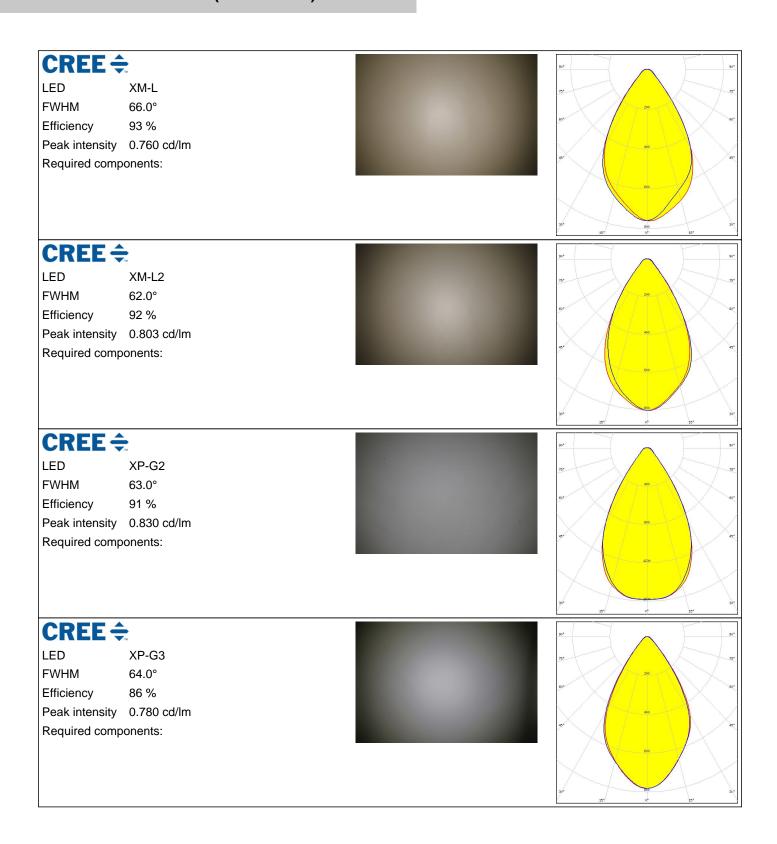
MATERIAL SPECIFICATIONS:

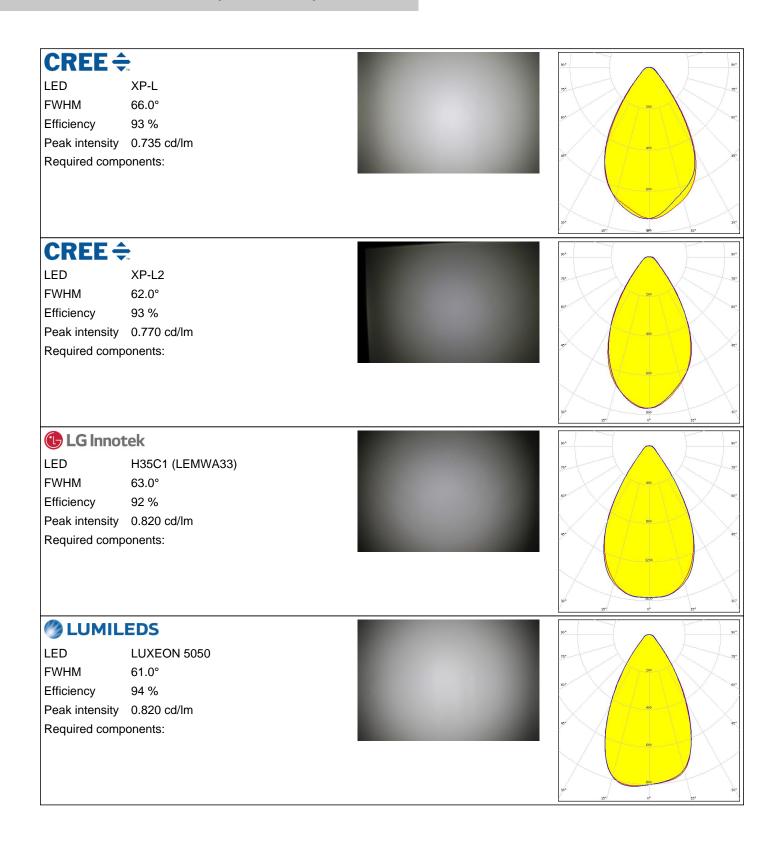
ComponentTypeMaterialColourHB-2X2-WWLens arrayPMMAclear

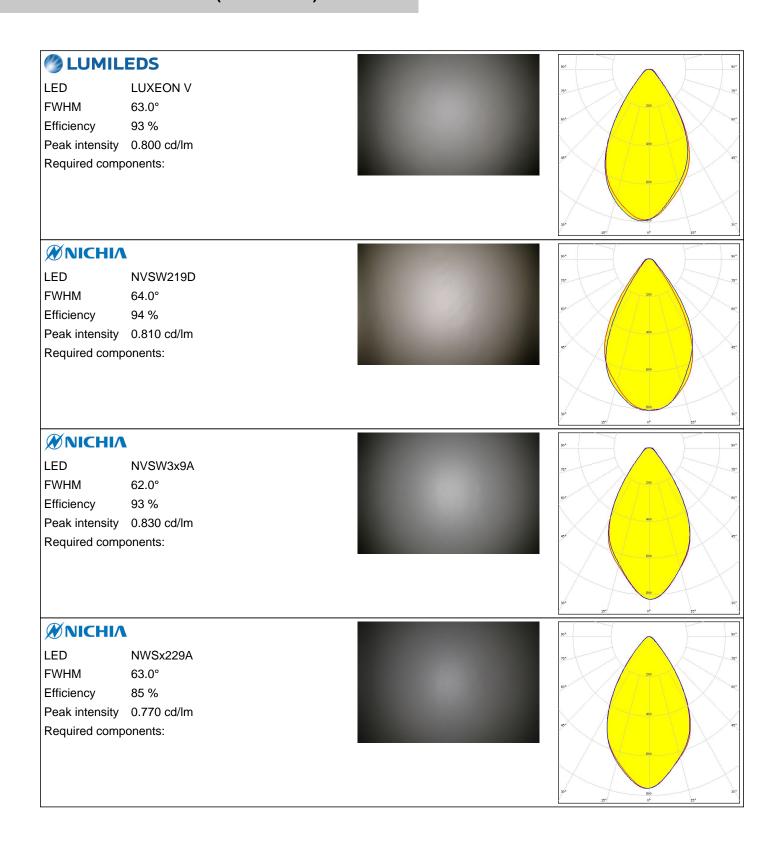












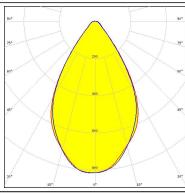
PHOTOMETRIC DATA (MEASURED):

OSRAM

LED PrevaLED Brick DC 2x8

FWHM 64.0°
Efficiency 92 %
Peak intensity 0.820 cd/lm
Required components:



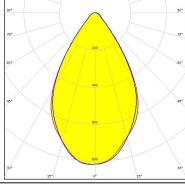


OSRAM Opto Semiconductors

LED Oslon Square Gen3

FWHM 64.0°
Efficiency 92 %
Peak intensity 0.820 cd/lm
Required components:

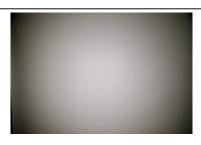


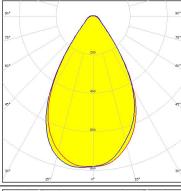


PHILIPS

LED Fortimo FastFlex LED board 2x8 DA G4

FWHM 64.0°
Efficiency 93 %
Peak intensity 0.790 cd/lm
Required components:

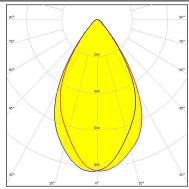


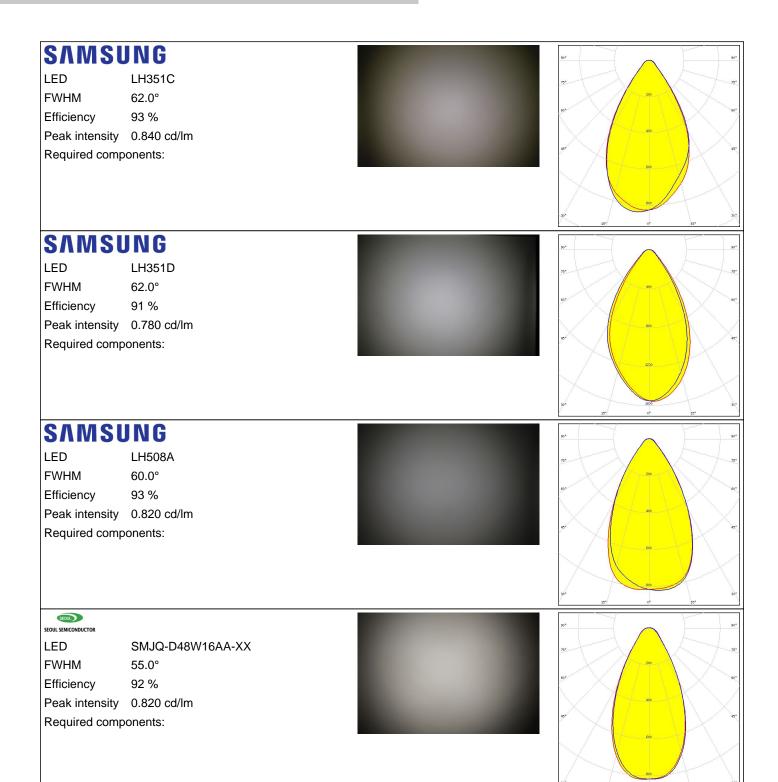


SAMSUNG

LED LH351B
FWHM 62.0°
Efficiency 86 %
Peak intensity 0.830 cd/lm
Required components:





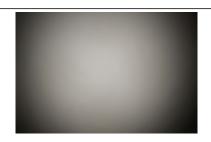


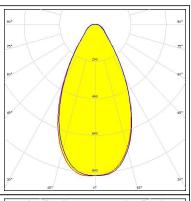
PHOTOMETRIC DATA (MEASURED):



LED Z8Y19 2x2 cluster

FWHM 55.0°
Efficiency 92 %
Peak intensity 0.820 cd/lm
Required components:



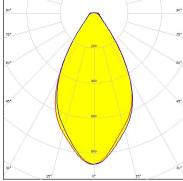


SEOUL SEMICONDUCTOR

LED Z8Y22P
FWHM 59.0°
Efficiency 92 %
Peak intensity 0.860 cd/lm

Required components:

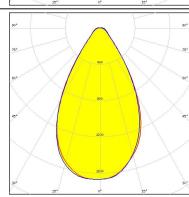




TRIDONIC

LED RLE G1 49x121mm 2000lm xxx EXC OTD

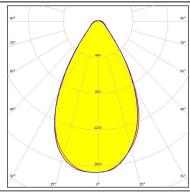
FWHM 61.0°
Efficiency 94 %
Peak intensity 0.830 cd/lm
Required components:



TRIDONIC

LED RLE G1 49x133mm 2000lm xxx EXC OTD

FWHM 61.0°
Efficiency 94 %
Peak intensity 0.830 cd/lm
Required components:



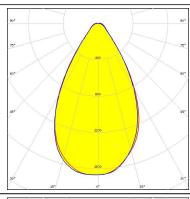
PHOTOMETRIC DATA (MEASURED):

TRIDONIC

LED RLE G1 49x223mm 4000lm xxx EXC OTD

FWHM 61.0°
Efficiency 94 %
Peak intensity 0.830 cd/lm
Required components:



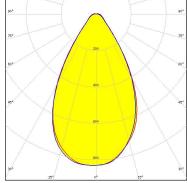


TRIDONIC

LED RLE G1 49x245mm 4000lm xxx EXC OTD

FWHM 61.0°
Efficiency 94 %
Peak intensity 0.830 cd/lm
Required components:



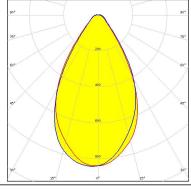


TRIDONIC

LED RLE G2 HP 2x8 4000lm

FWHM 61.0°
Efficiency 94 %
Peak intensity 0.850 cd/lm
Required components:





PHOTOMETRIC DATA (SIMULATED):

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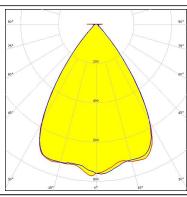
LED XT-E

FWHM 69.0°

Efficiency 94 %

Peak intensity 0.780 cd/lm

Required components:

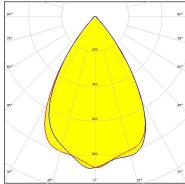


MUMILEDS

LED LUXEON 3535L

FWHM 66.0° Efficiency 94 % Peak intensity 0.870 cd/lm

Required components:

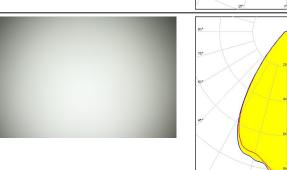


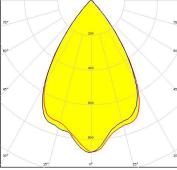
MILEDS

LED LUXEON MZ

FWHM 66.0°
Efficiency 94 %
Peak intensity 0.880 cd/lm

Required components:





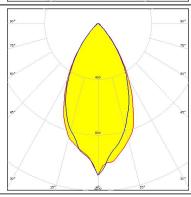
OSRAM Opto Semiconductors

LED Duris S8 FWHM 52.0°

Efficiency 91 %

Peak intensity 1.100 cd/lm

Required components:



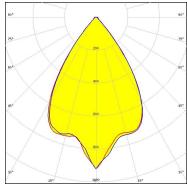
PHOTOMETRIC DATA (SIMULATED):

OSRAM Opto Semiconductors

LED OSCONIQ P 3737 (3W version)

FWHM 66.0° Efficiency 94 % Peak intensity 0.920 cd/lm

Required components:

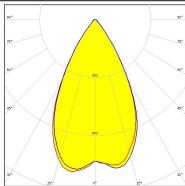


OSRAM Opto Semiconductors

LED Oslon SSL 80

FWHM 55.6°
Efficiency 94 %
Peak intensity 1.100 cd/lm

Required components:

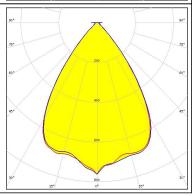


PHILIPS

LED Fortimo FastFlex LED board 2x8 DAX G4

FWHM 71.0°
Efficiency 94 %
Peak intensity 0.760 cd/lm

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:

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