

HB-2X2-W

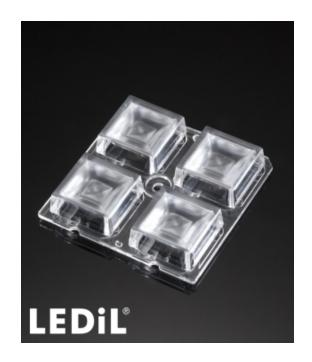
~50° wide beam

TECHNICAL SPECIFICATIONS:

Dimensions 50.0 mm Height 8.5 mm

Fastening glue, pin, screw

ROHS compliant yes 1



MATERIAL SPECIFICATIONS:

ComponentTypeMaterialColourFinishHB-2X2-WMulti-lensPMMAclear

ORDERING INFORMATION:

Component

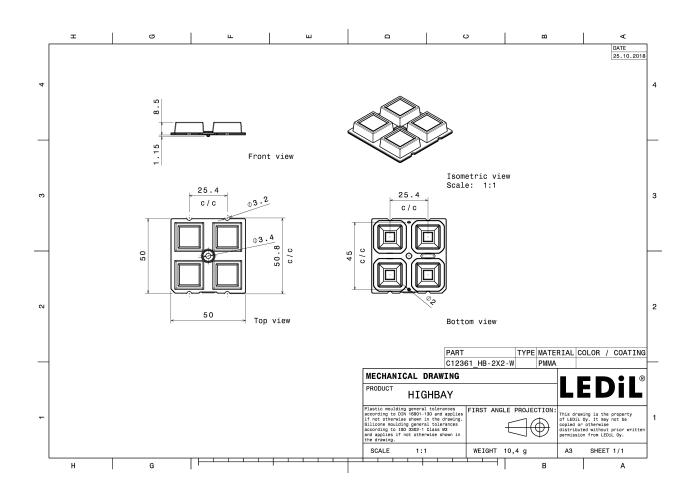
C12361_HB-2X2-W

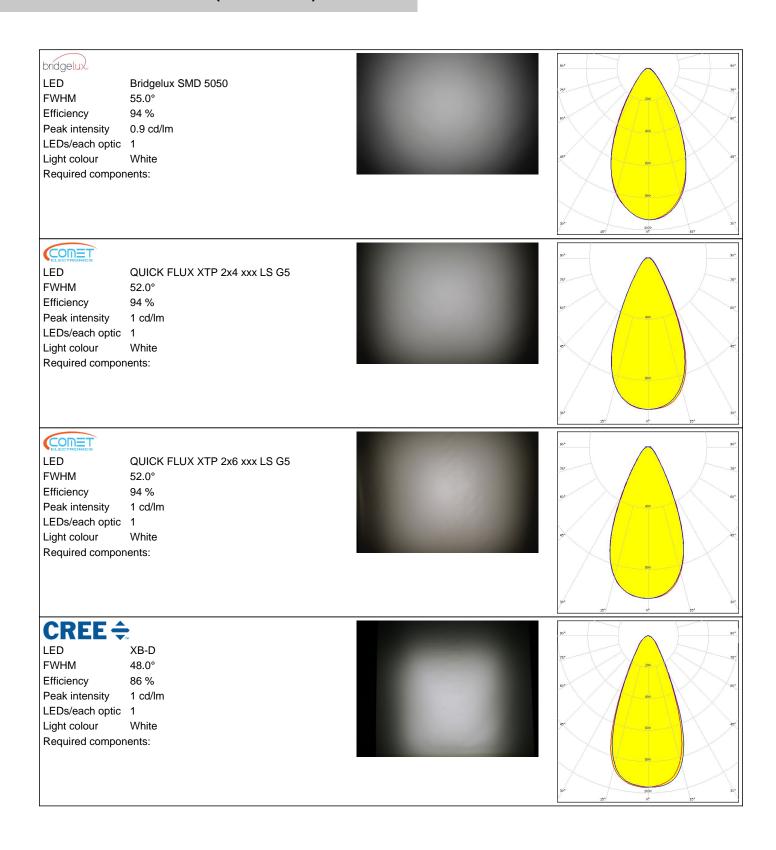
» Box size: 480 x 280 x 300 mm

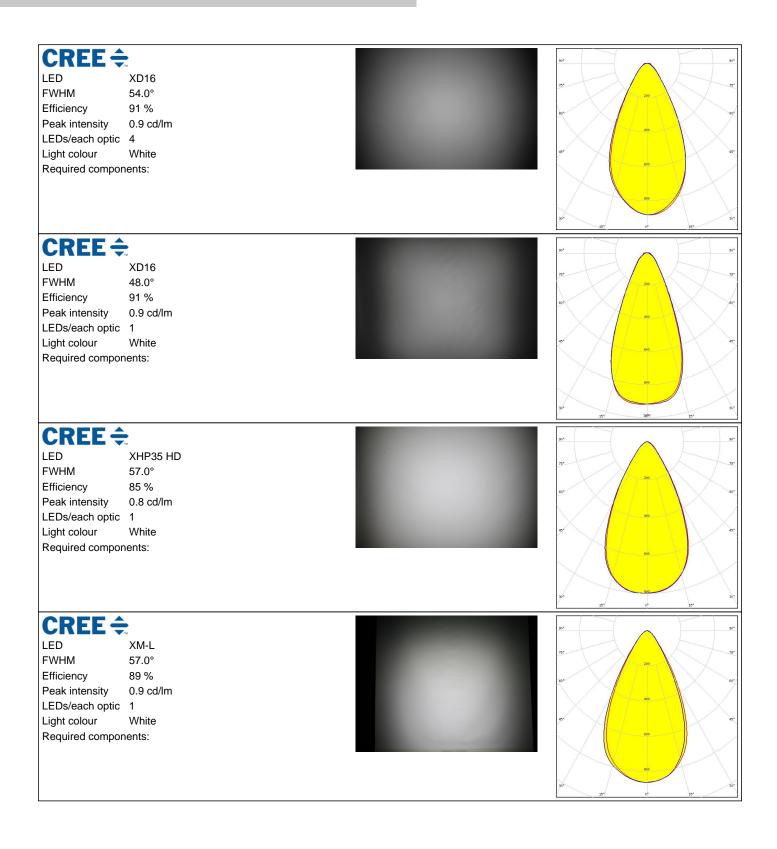
Qty in box MOQ MPQ Box weight (kg)

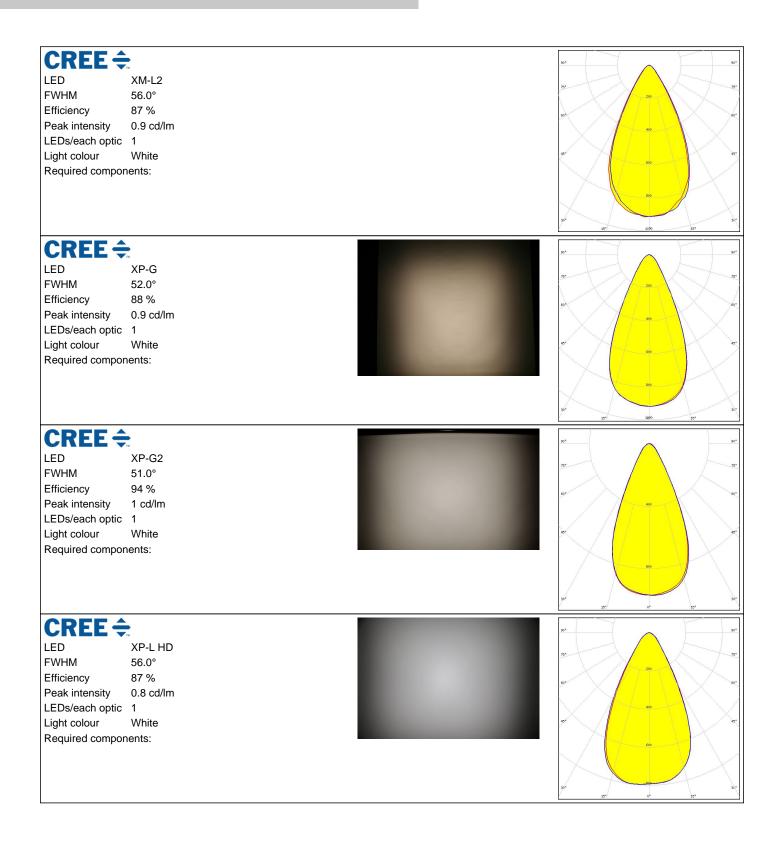
800 160 160 9.1

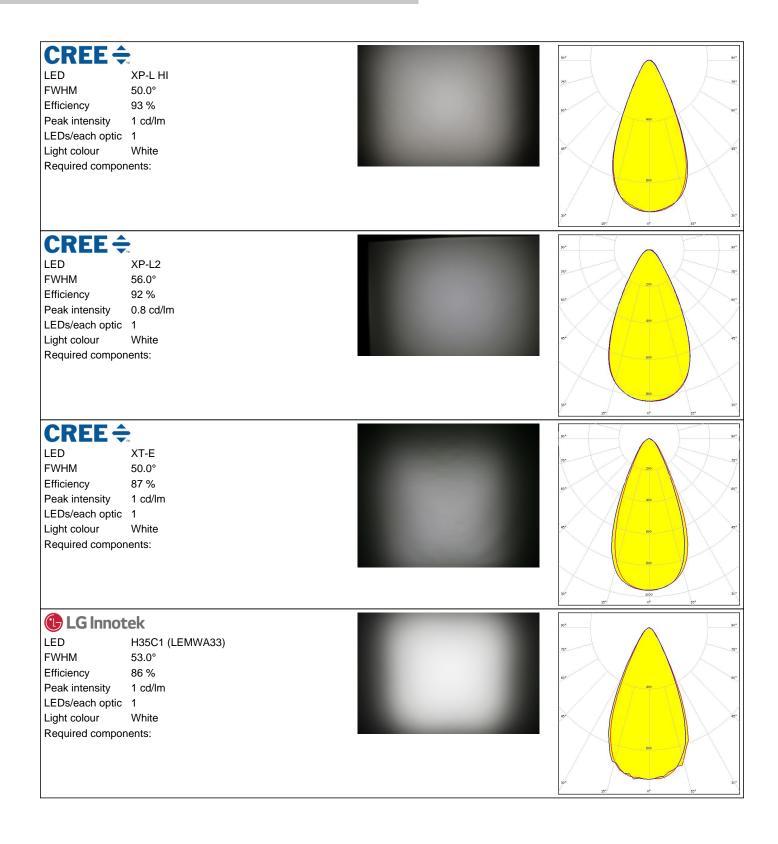


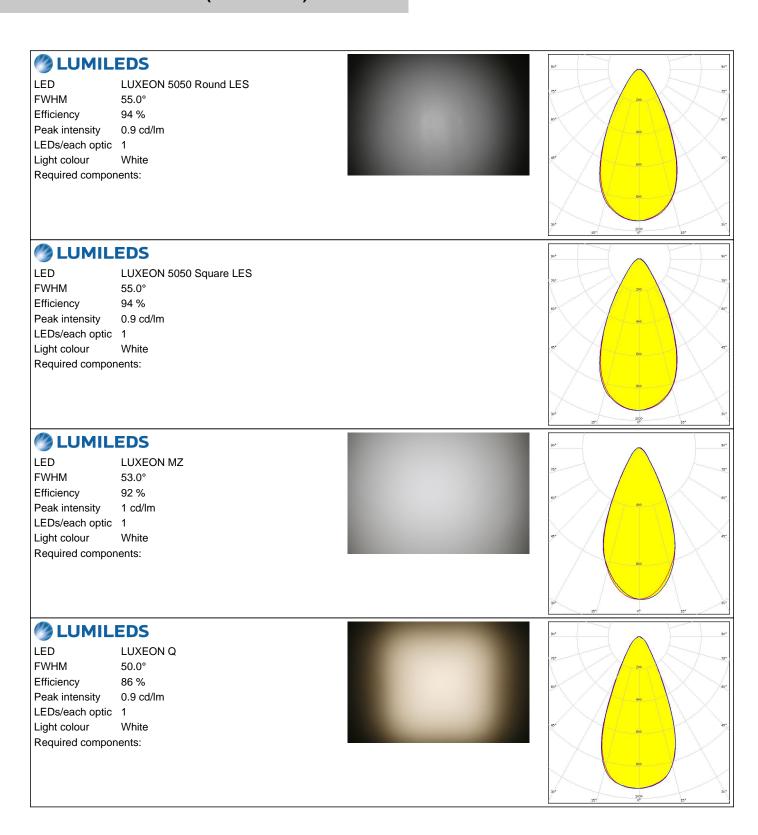


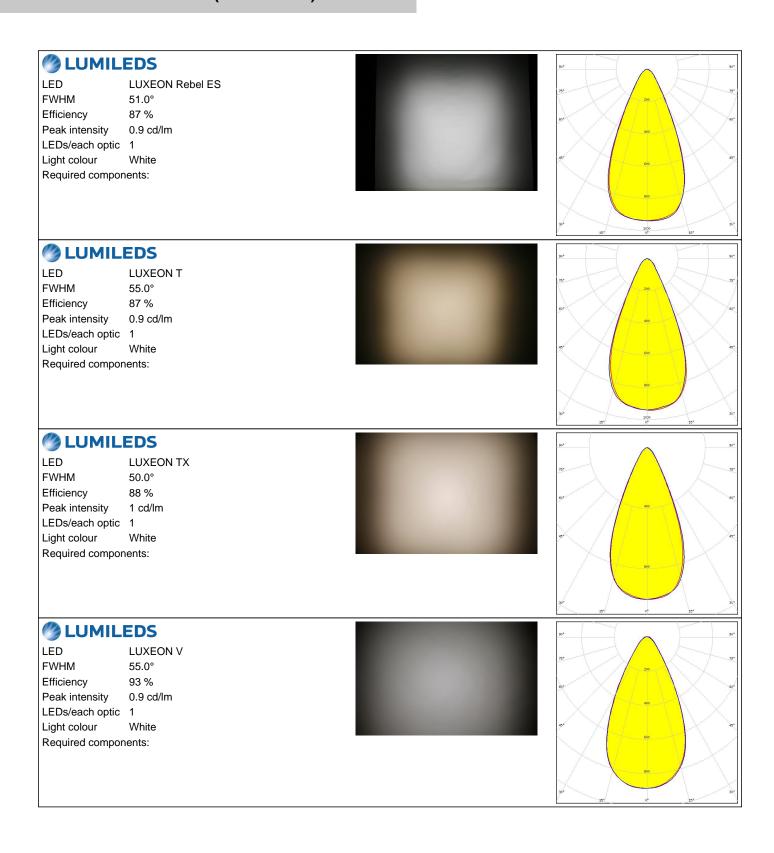


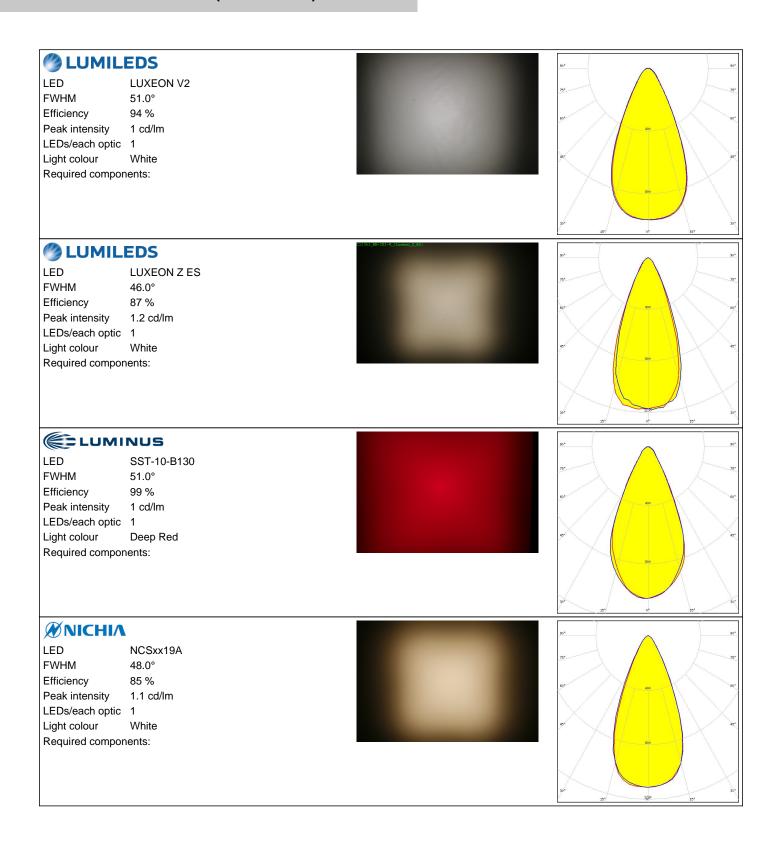


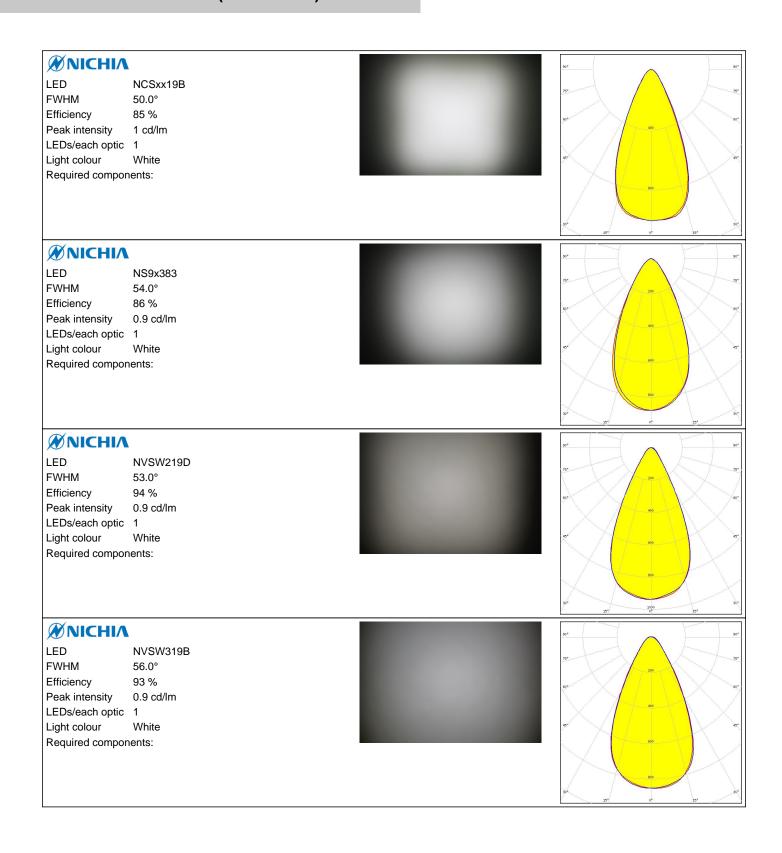


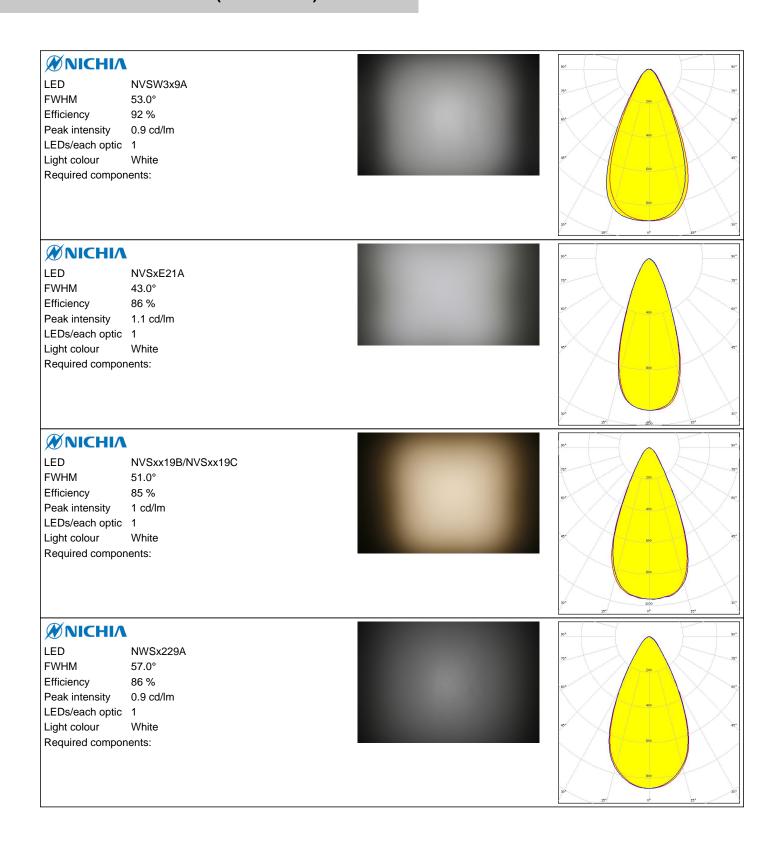


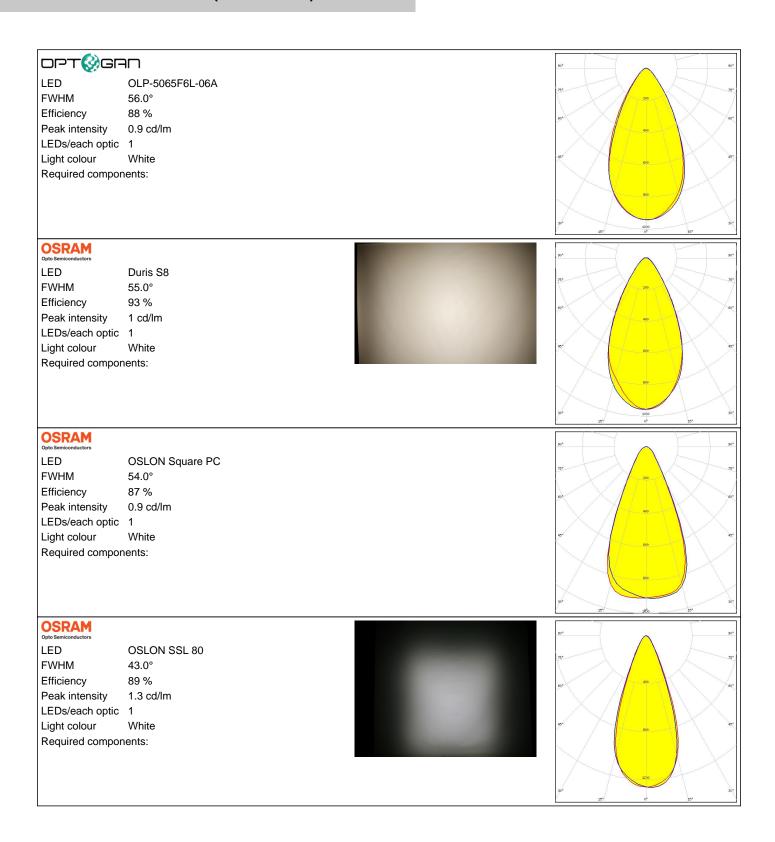












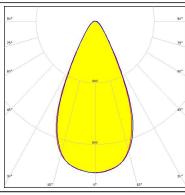
PHOTOMETRIC DATA (MEASURED):

PHILIPS

LED Fortimo FastFlex LED 2x8 DA G4

FWHM 52.0°
Efficiency 94 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



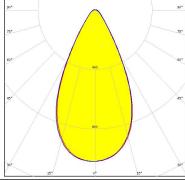


SAMSUNG

LED HILOM RH16 (LH351C)

FWHM 53.0°
Efficiency 94 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

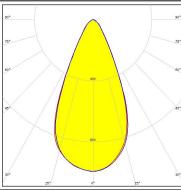




SAMSUNG

LED LH351A
FWHM 49.0°
Efficiency 89 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



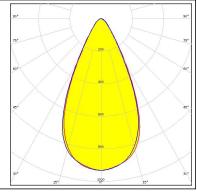


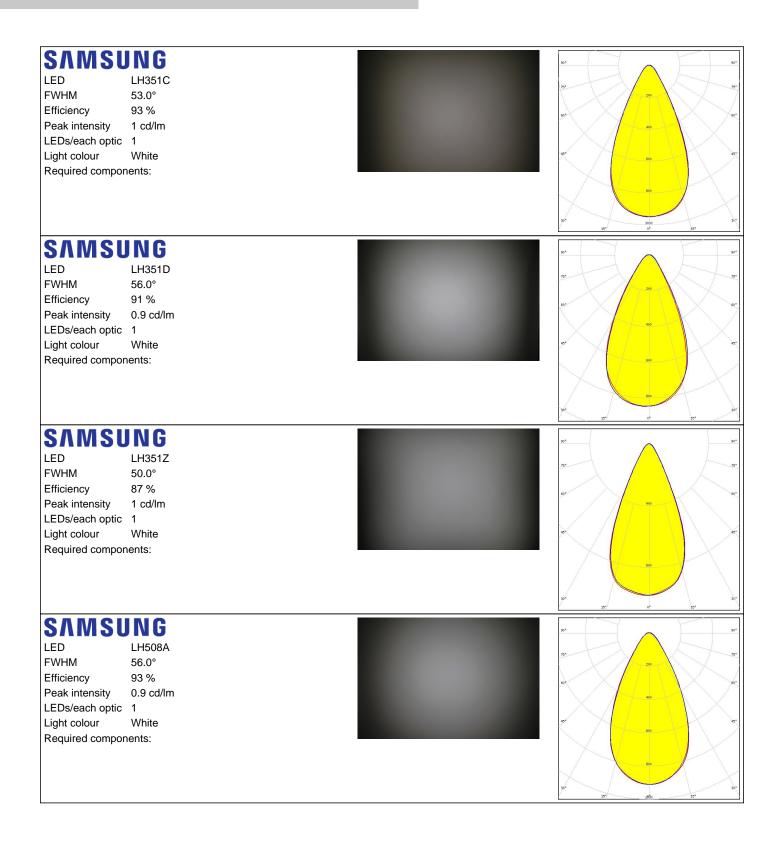
SAMSUNG

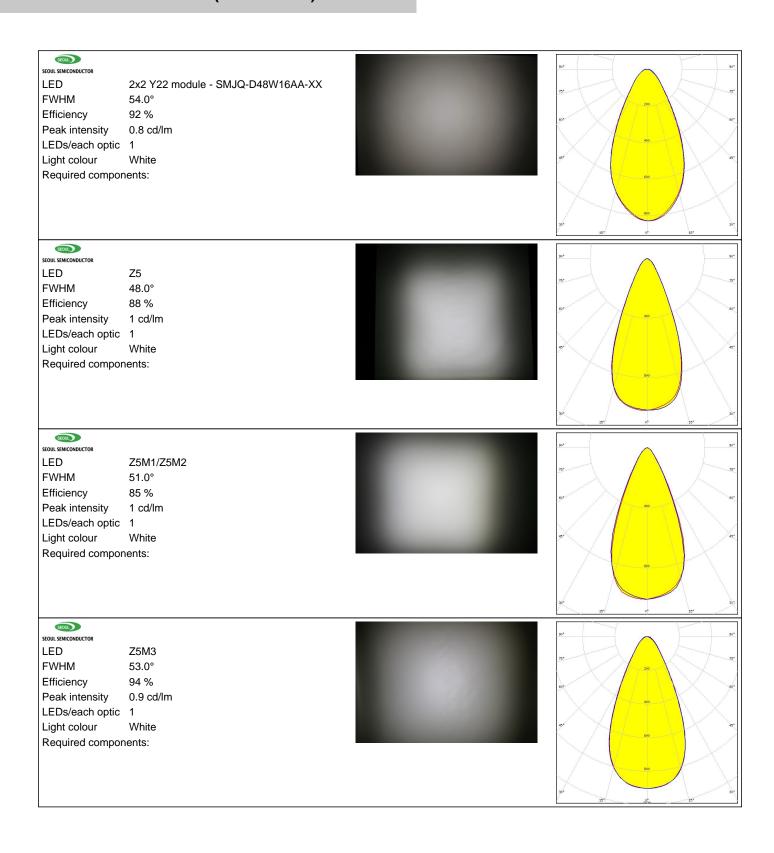
LED LH351B
FWHM 55.0°
Efficiency 86 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1

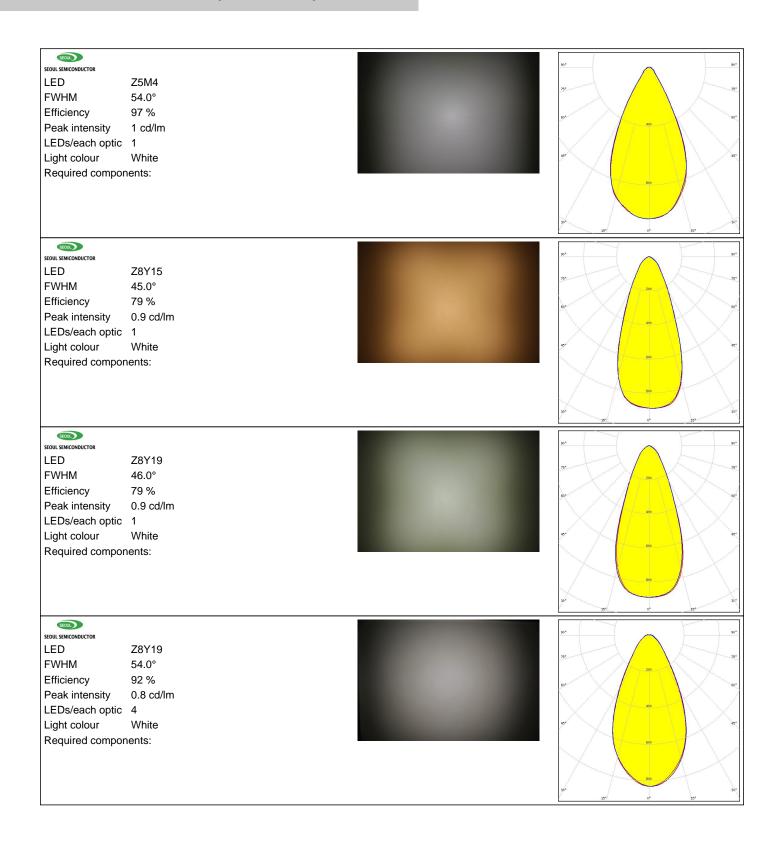
Light colour White Required components:



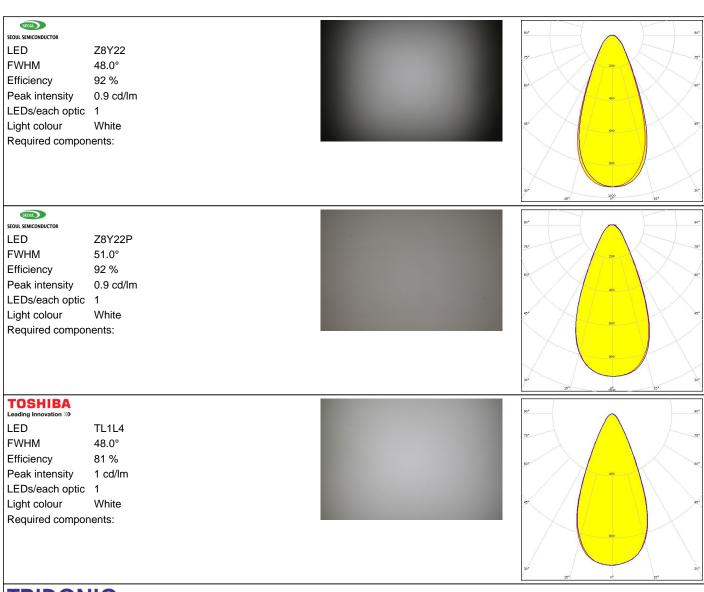








PHOTOMETRIC DATA (MEASURED):



TRIDONIC

LED RLE 2x4 2000lm HP EXC2 OTD

FWHM 51.0°
Efficiency 94 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

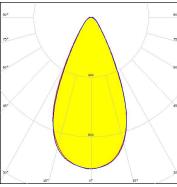
PHOTOMETRIC DATA (MEASURED):

TRIDONIC

LED RLE 2x8 4000lm HP EXC2 OTD

FWHM 51.0°
Efficiency 94 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

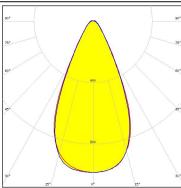




TRIDONIC

LED RLE G1 49x121mm 2000lm xxx EXC OTD

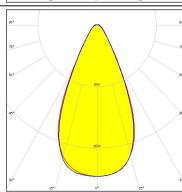
FWHM 52.0°
Efficiency 94 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



TRIDONIC

LED RLE G1 49x133mm 2000lm xxx EXC OTD

FWHM 52.0°
Efficiency 94 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

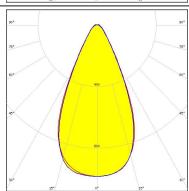


TRIDONIC

LED RLE G1 49x223mm 4000lm xxx EXC OTD

FWHM 52.0°
Efficiency 94 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:







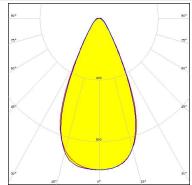
PHOTOMETRIC DATA (MEASURED):

TRIDONIC

LED RLE G1 49x245mm 4000lm xxx EXC OTD

FWHM 52.0°
Efficiency 94 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



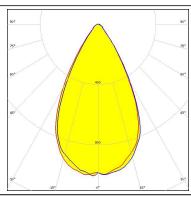


PHOTOMETRIC DATA (SIMULATED):



LED J Series 5050

FWHM 57.0°
Efficiency 94 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

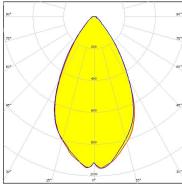


CREE \$

LED MHB-A/B

FWHM 58.0° Efficiency 94 % Peak intensity 1 cd/lm

LEDs/each optic 1
Light colour White
Required components:

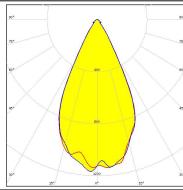


CREE ÷

LED XHP35 HI

FWHM 52.0° Efficiency 93 % Peak intensity 1.2 cd/lm

LEDs/each optic 1
Light colour White
Required components:

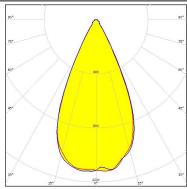


CREE 🕏

LED XP-E FWHM 50.0°

Efficiency 94 %
Peak intensity 1.2 cd/lm

LEDs/each optic 1
Light colour White
Required components:

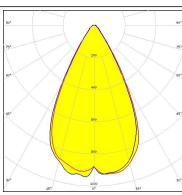


PHOTOMETRIC DATA (SIMULATED):



Peak intensity 0.9 cd/lm LEDs/each optic 1

Light colour White Required components:



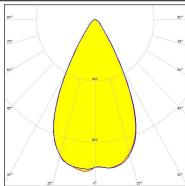
CREE 🕏

LED XP-G3 FWHM 55.0°

Efficiency 88 %
Peak intensity 1 cd/lm

LEDs/each optic 1
Light colour White
Required components:

Transparent protective cover



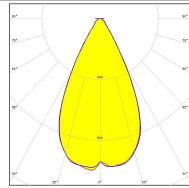
CREE 🕏

LED XP-G3 FWHM 54.0°

Efficiency 94 %
Peak intensity 1 cd/lm
LEDs/each optic 1

White

Light colour V
Required components:



CREE 🕏

 LED
 XP-L2

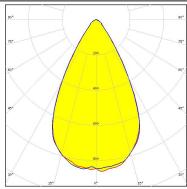
 FWHM
 58.0°

 Efficiency
 89 %

 Peak intensity
 0.9 cd/lm

LEDs/each optic 1
Light colour White
Required components:

Transparent protective cover



PHOTOMETRIC DATA (SIMULATED):

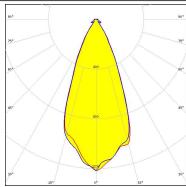
CREE 💠

LED XQ-E HI FWHM 42.0°

Efficiency 93 %

Peak intensity 1.4 cd/lm LEDs/each optic 1 Light colour White

Required components:

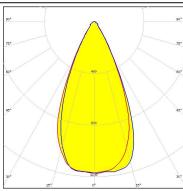


MUMILEDS

LED LUXEON 3030 2D (Round LES)

FWHM 49.0°
Efficiency 94 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1

Light colour White Required components:

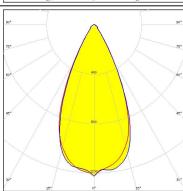


MUMILEDS

LED LUXEON 3535L

FWHM 49.0°
Efficiency 94 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White

Light colour V
Required components:

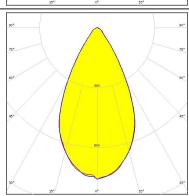


DESCRIPTION LUMILEDS

LED LUXEON 5050 Square LES

FWHM 54.0°
Efficiency 89 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Transparent protective cover



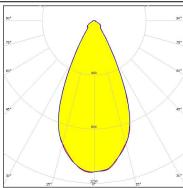
PHOTOMETRIC DATA (SIMULATED):

MUMILEDS

LED LUXEON A
FWHM 52.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:

MUMILEDS

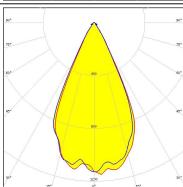
LED LUXEON C
FWHM 50.0°
Efficiency 94 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



MUMILEDS

LED LUXEON H50-2

FWHM 52.0°
Efficiency 91 %
Peak intensity 4.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



DESCRIPTION LUMILEDS

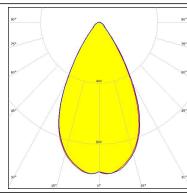
LED LUXEON Rebel

FWHM 52.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:

PHOTOMETRIC DATA (SIMULATED):

WNICHIA

LED NFMW48xA **FWHM** 57.0° Efficiency 94 % Peak intensity 1 cd/lm LEDs/each optic Light colour White



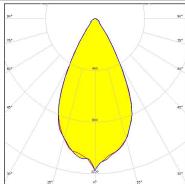
WNICHIA

Required components:

LED NV4WB35AM

FWHM 54.0° 95 % Efficiency Peak intensity 1.2 cd/lm LEDs/each optic 1 Light colour White

Required components:



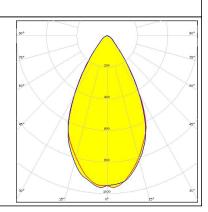
WNICHIA

LED NVSxx19A **FWHM** 50.0° Efficiency % LEDs/each optic 1 Light colour White Required components:

OSRAM Opto Semiconductors

LED Duris S8 **FWHM** 57.0° Efficiency 90 % Peak intensity 1 cd/lm LEDs/each optic White Light colour Required components:

Transparent protective cover



PHOTOMETRIC DATA (SIMULATED):

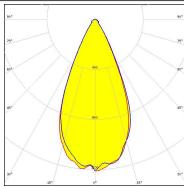
OSRAM

LED

OSCONIQ P 3737 (2W version)

FWHM 48.0° 93 % Efficiency Peak intensity 1.2 cd/lm LEDs/each optic Light colour White

Required components:

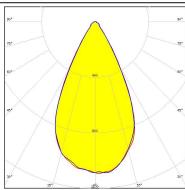


OSRAM Opto Semiconductors

LED

OSCONIQ P 3737 (3W version)

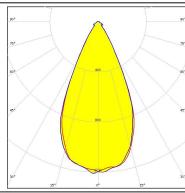
FWHM 54.0° 94 % Efficiency Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour White Required components:



OSRAM Opto Semiconductors

LED OSCONIQ P 3737 Flat

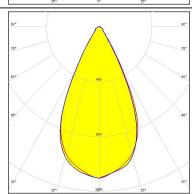
FWHM 50.0° Efficiency 96 % Peak intensity 1.2 cd/lm LEDs/each optic Light colour White Required components:



OSRAM Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3

FWHM 52.0° Efficiency 96 % 1.1 cd/lm Peak intensity LEDs/each optic White Light colour Required components:

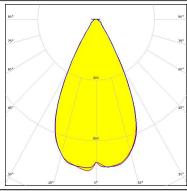


PHOTOMETRIC DATA (SIMULATED):

PHILIPS

LED Fortimo FastFlex LED 2x8 DAX G4

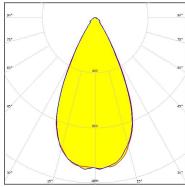
FWHM 54.0°
Efficiency 94 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

LED Acrich MJT 4040

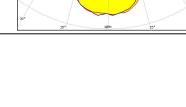
FWHM 52.0°
Efficiency 94 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SECUL SEMICONDUCTO

LED MJT 5050 FWHM 57.0°

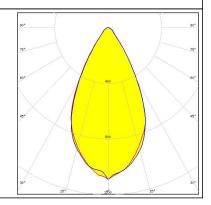
Efficiency 94 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

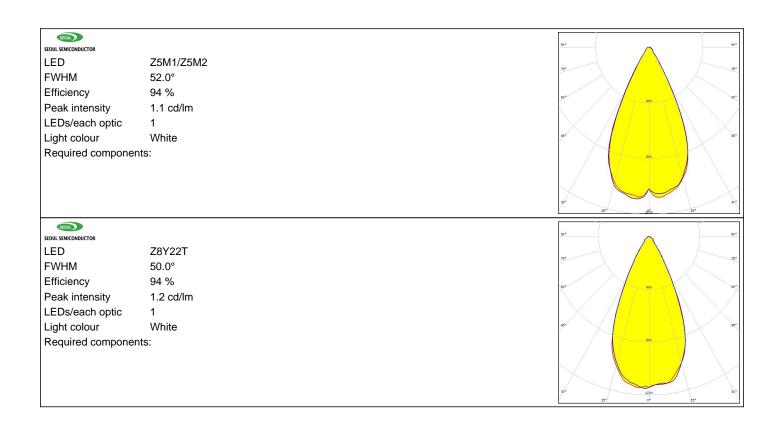
LED SEOUL DC 5050 6V

FWHM 54.0°
Efficiency 94 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:





PHOTOMETRIC DATA (SIMULATED):





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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