

HB-2X2-RW

 $\sim \! 50^\circ$ wide beam optimized for CREE XP-L and XM-L

SPECIFICATION:

 $\begin{array}{ccc} \text{Dimensions} & & 50.0 \text{ x } 50.0 \text{ mm} \\ \text{Height} & & 8.5 \text{ mm} \\ \text{Fastening} & & \text{pin, screw} \\ \text{ROHS compliant} & & \text{yes} & \end{array}$



MATERIALS:

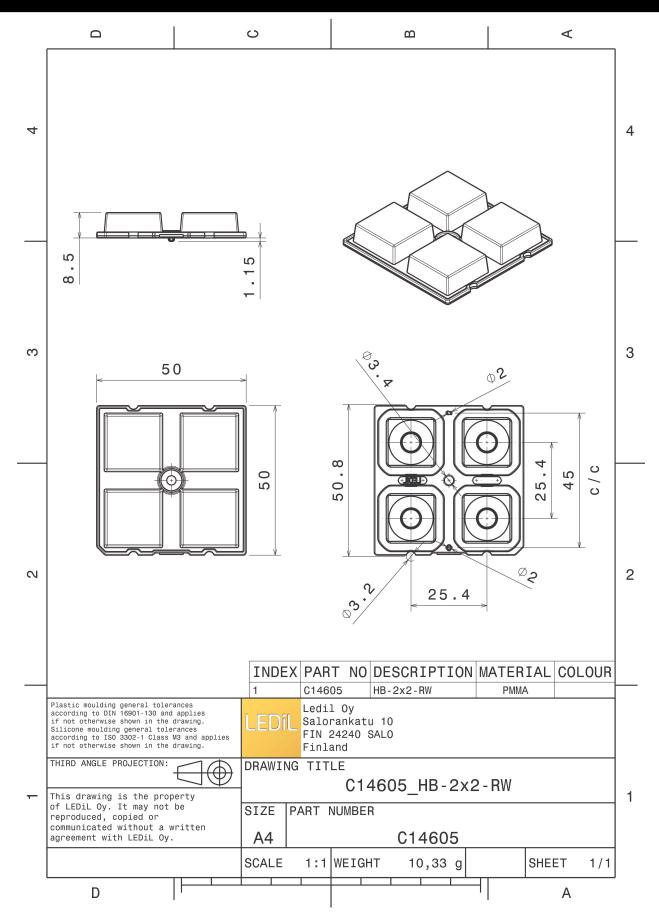
ComponentTypeMaterialColourFinishHB-2X2-RWMulti-lensPMMAclear

ORDERING INFORMATION:

Component Qty in box MOQ MPQ Box weight (kg)

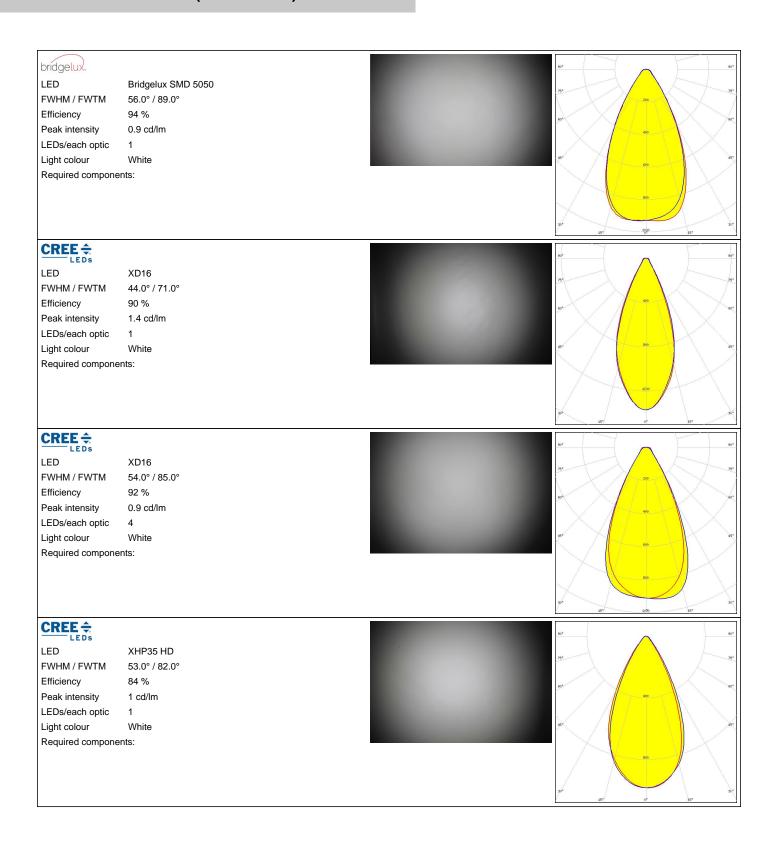
C14605_HB-2X2-RW 800 160 160 9.1 » Box size: 476 x 273 x 292 mm



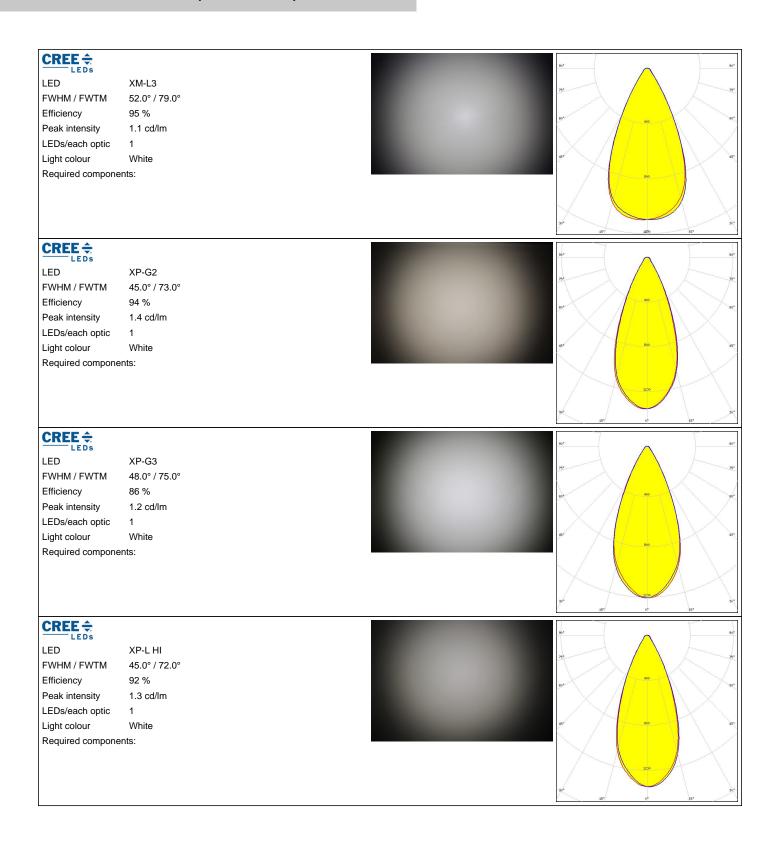


See also our general installation guide: www.ledil.com/installation_guide

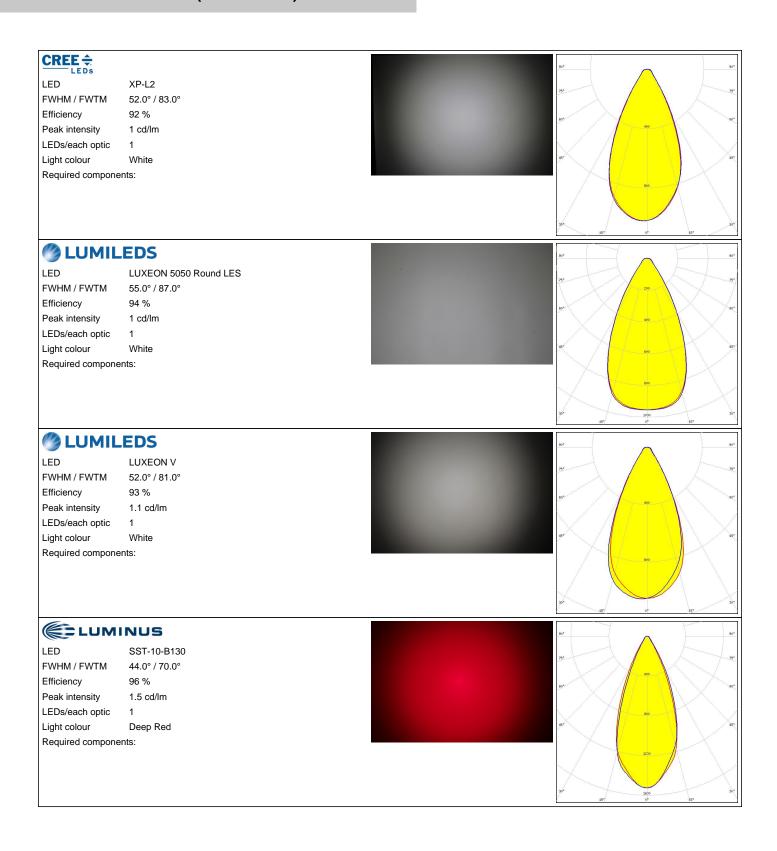




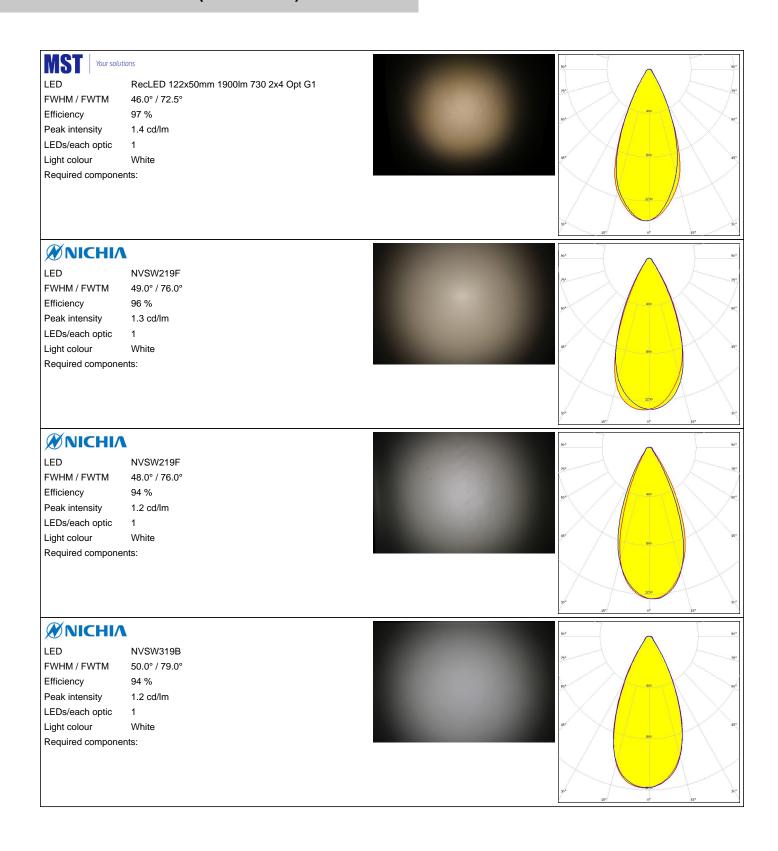




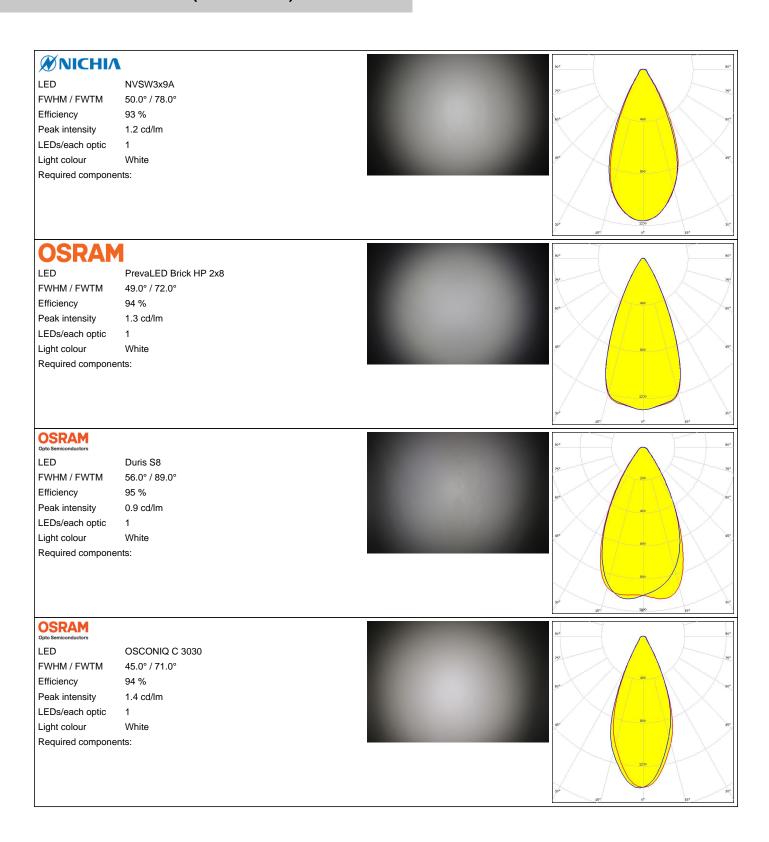










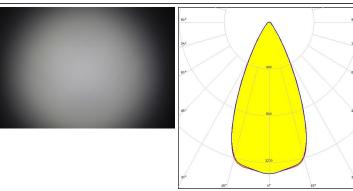




OSRAM

LED OSLON Square CSSRM2/CSSRM3

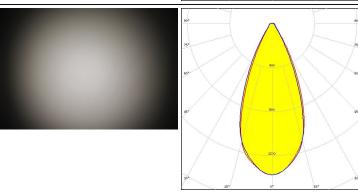
FWHM / FWTM 49.0° / 72.0°
Efficiency 94 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHILIPS

LED Fortimo FastFlex LED 2x8 DA G4

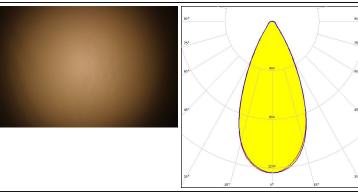
FWHM / FWTM 45.0° / 71.0°
Efficiency 93 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHILIPS

LED Fortimo FastFlex LED 2x8 DA G4+

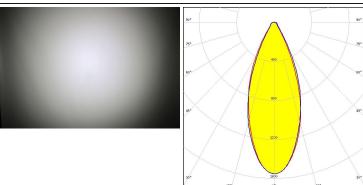
FWHM / FWTM 48.0° / 77.0°
Efficiency 96 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



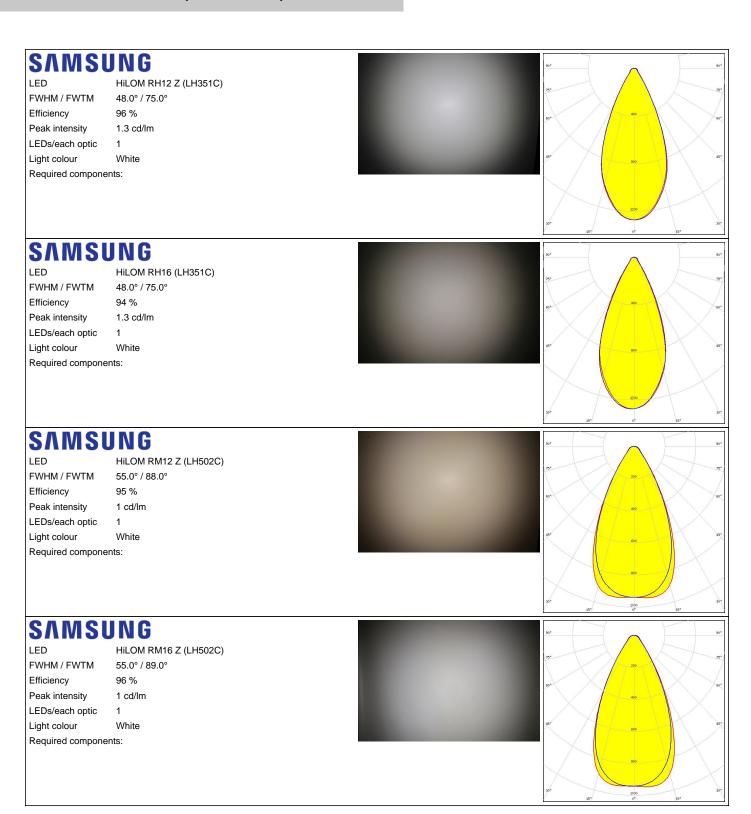
SAMSUNG

LED HILOM RC12 Z (LH181B)

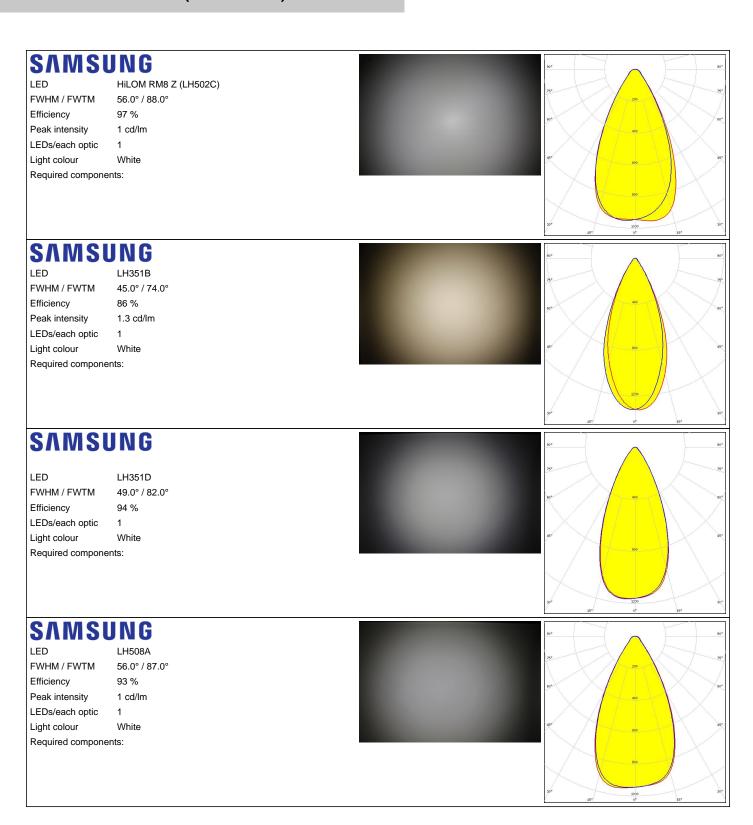
FWHM / FWTM 41.0° / 71.0°
Efficiency 97 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



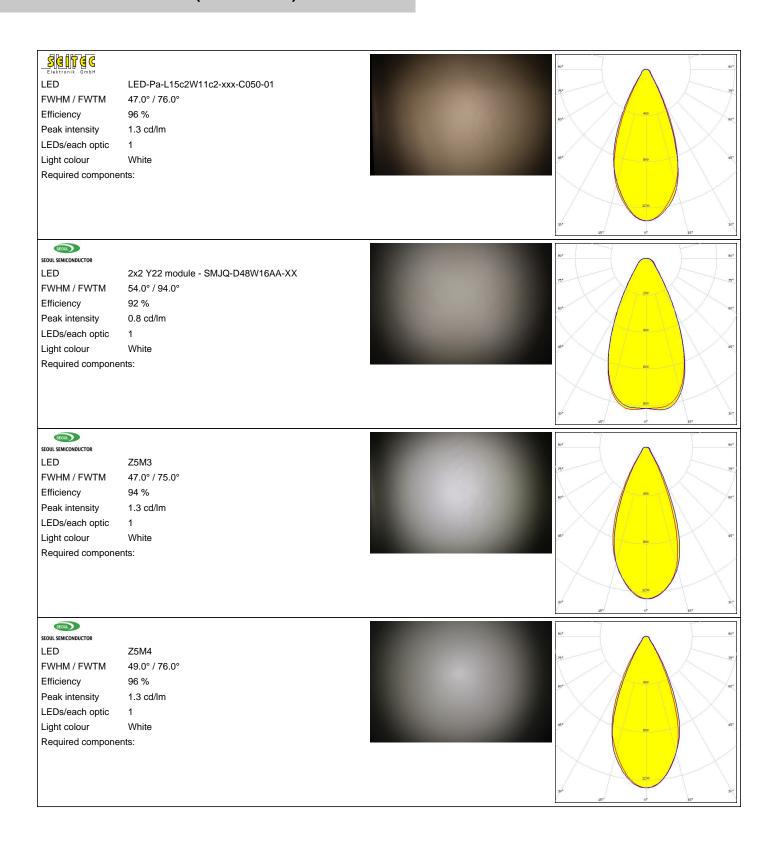










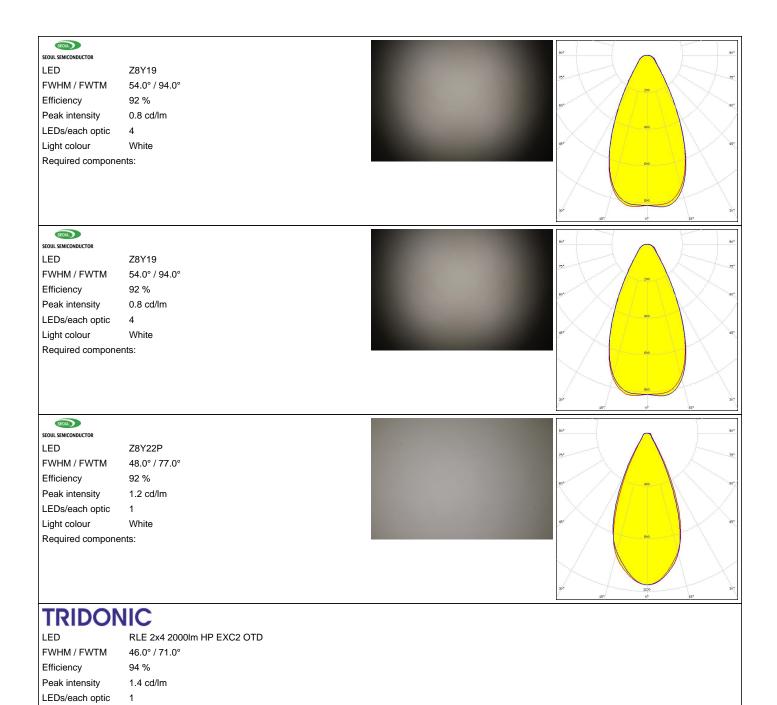




White

Light colour

Required components:



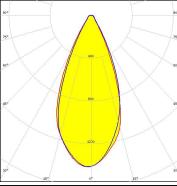


TRIDONIC

LED RLE 2x8 4000lm HP EXC2 OTD

FWHM / FWTM 46.0° / 71.0°
Efficiency 94 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



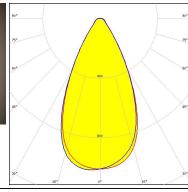


TRIDONIC

LED RLE 2x8 6000lm HP HE EXC3 OTD

FWHM / FWTM 53.0° / 86.0°
Efficiency 96 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

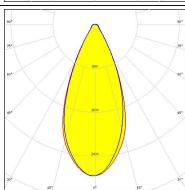




TRIDONIC

LED RLE G1 49x121mm 2000lm xxx EXC OTD

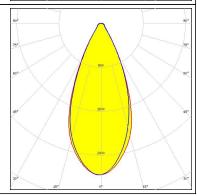
FWHM / FWTM 46.0° / 73.0°
Efficiency 94 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



TRIDONIC

LED RLE G1 49x133mm 2000lm xxx EXC OTD

FWHM / FWTM 46.0° / 73.0°
Efficiency 94 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

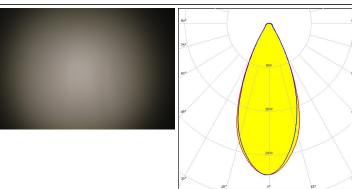




TRIDONIC

LED RLE G1 49x223mm 4000lm xxx EXC OTD

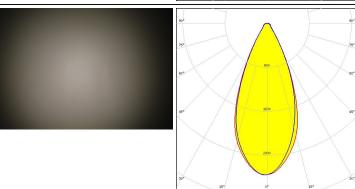
FWHM / FWTM 46.0° / 73.0°
Efficiency 94 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



TRIDONIC

LED RLE G1 49x245mm 4000lm xxx EXC OTD

FWHM / FWTM 46.0° / 73.0°
Efficiency 94 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:





White

CREE \$

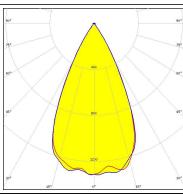
LED XHP35 HI

FWHM / FWTM 52.0° / 68.0° Efficiency 93 %

Peak intensity 1.4 cd/lm

LEDs/each optic 1.4 cd/iiii

Light colour
Required components:



CREE \$

LED XM-L

FWHM / FWTM 54.0° / 74.0°

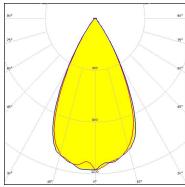
Efficiency 92 %

Peak intensity 1.2 cd/lm

LEDs/each optic 1

Light colour White

Required components:



CREE -

LED XP-G3

FWHM / FWTM 52.0° / 74.0°

Efficiency 89 %

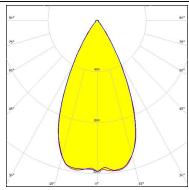
Peak intensity 1.2 cd/lm

LEDs/each optic 1

Light colour White

Required components:

Protective plate, glass



CREE \$

LED XP-L HD

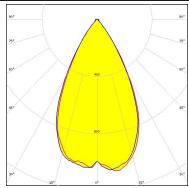
FWHM / FWTM 55.0° / 79.0°

Efficiency 93 %
Peak intensity 1.1 cd/lm

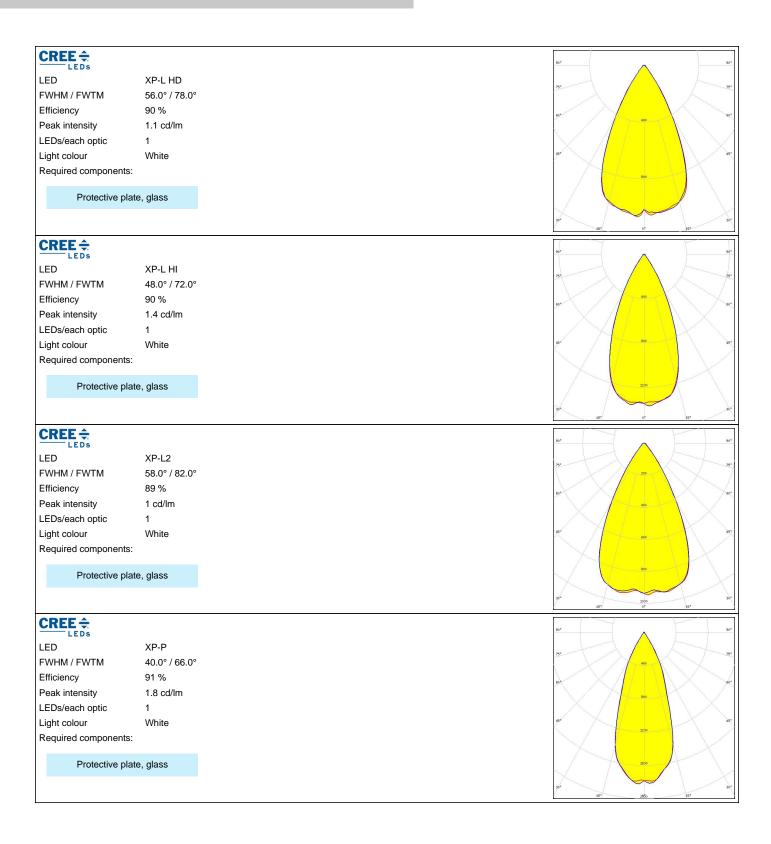
Peak intensity 1.1 cd/lr LEDs/each optic 1

Light colour White

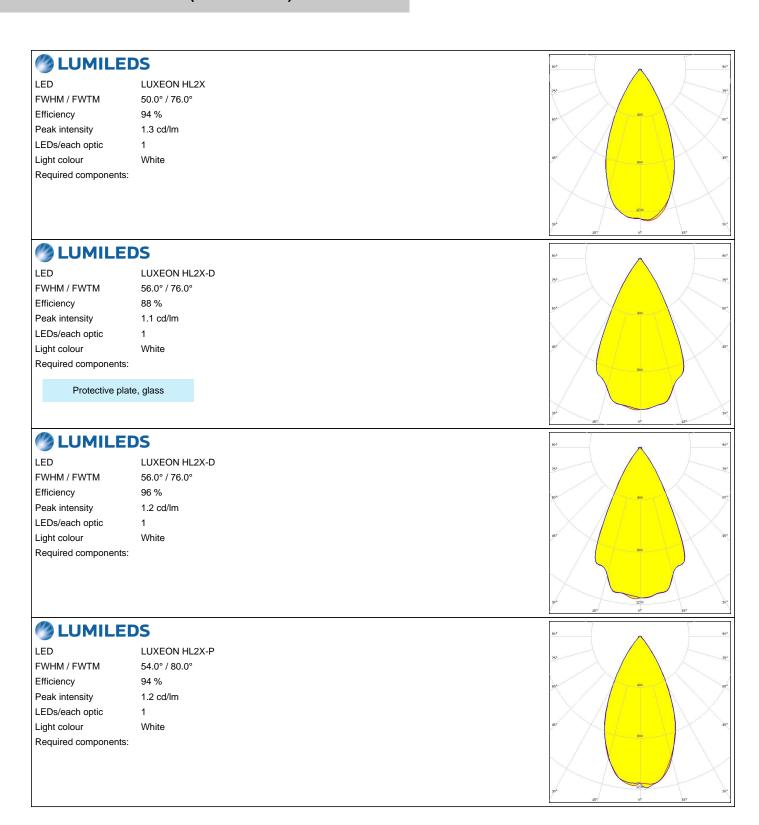
Required components:



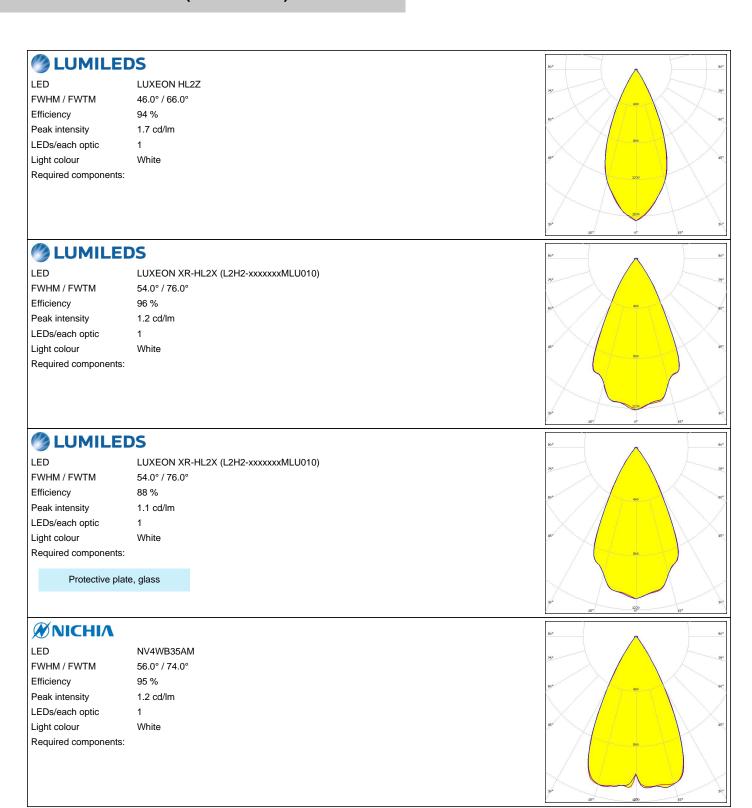














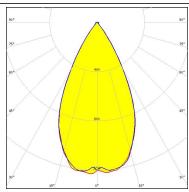
White



LED NVSW219D FWHM / FWTM 54.0° / 75.0° Efficiency 95 %

Peak intensity 1.2 cd/lm LEDs/each optic

Required components:



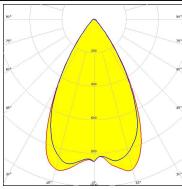
OSRAM

Light colour

LED Duris S8 FWHM / FWTM 57.0° / 83.0° Efficiency 90 % Peak intensity 1 cd/lm LEDs/each optic 1 White Light colour

Required components:

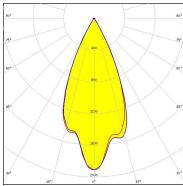
Protective plate, glass



OSRAM Opto Semiconductors

LED OSCONIQ C 2424 FWHM / FWTM 45.0° / 62.0° Efficiency 96 % Peak intensity 1.9 cd/lm LEDs/each optic 1 Light colour White

Required components:

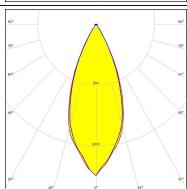


OSRAM

LED

OSCONIQ P 3030 FWHM / FWTM 42.0° / 64.0° Efficiency 96 % Peak intensity 2 cd/lm LEDs/each optic White Light colour

Required components:



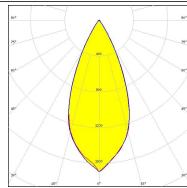


OSRAM

LED OSCONIQ P 3737 (2W version)

FWHM / FWTM 45.0° / 68.0° Efficiency 96 % Peak intensity 1.7 cd/lm LEDs/each optic Light colour White

Required components:

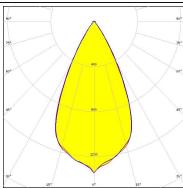


OSRAM

LED OSCONIQ P 3737 (3W version)

FWHM / FWTM 52.0° / 72.0° Efficiency 94 % Peak intensity 1.4 cd/lm LEDs/each optic 1 White Light colour

Required components:

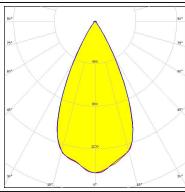


OSRAM Opto Semiconductor

LED OSCONIQ P 3737 Flat

FWHM / FWTM 50.0° / 68.0° Efficiency 96 % Peak intensity 1.4 cd/lm LEDs/each optic 1 Light colour White

Required components:

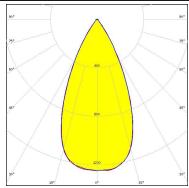


OSRAM

LED OSLON Square CSSRM2/CSSRM3

FWHM / FWTM 50.0° / 72.0° Efficiency 87 % Peak intensity 1.3 cd/lm LEDs/each optic White Light colour Required components:

Protective plate, glass



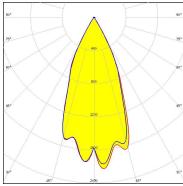


OSRAM

LED OSLON Square Flat

FWHM / FWTM 43.0° / 64.0°
Efficiency 96 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour White

Required components:



OSRAM

Opto Semiconductors

LED OSTAR Projection Compact (KW.CSLNM1.TG)

FWHM / FWTM 42.0° / 64.0°

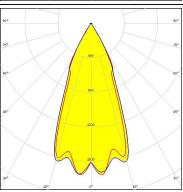
Efficiency 96 %

Peak intensity 1.8 cd/lm

LEDs/each optic 1

Light colour White

Required components:



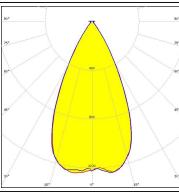
PHILIPS

LED Fortimo FastFlex LED 2x8 DAX G4

FWHM / FWTM 51.0° / 73.0°
Efficiency 94 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White

Required components:



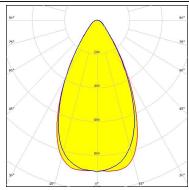


SAMSUNG

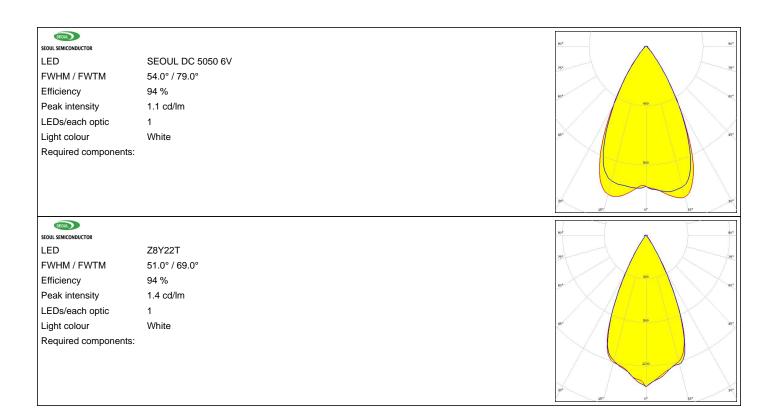
LED HILOM RM16 Z (LH502C)

FWHM / FWTM 56.0° / 90.0°
Efficiency 89 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:

Protective plate, glass









PRODUCT DATASHEET C14605_HB-2X2-RW

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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LEDIL Oy

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