

#### 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

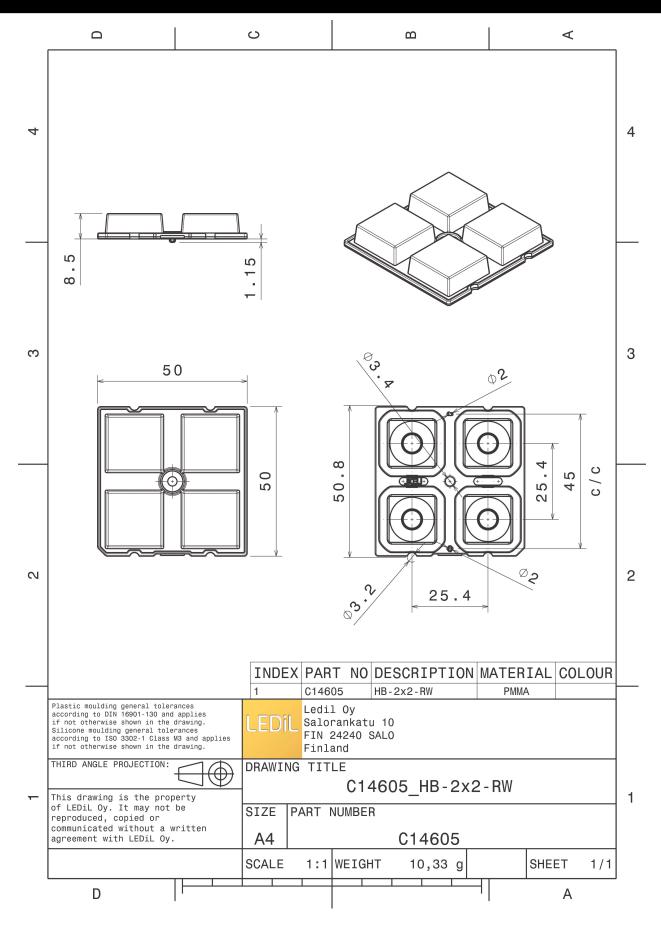
#### **ORDERING INFORMATION:**

Component Qty in box MOQ MPQ

C14605\_HB-2X2-RW 800 160 160 9.1 » Box size: 476 x 273 x 292 mm

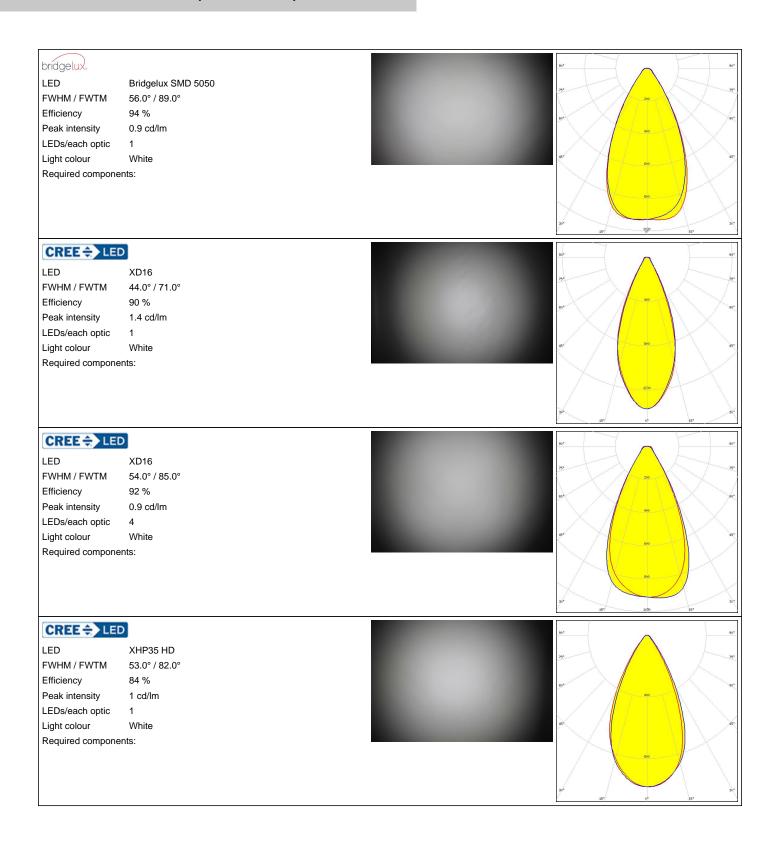
Box weight (kg)



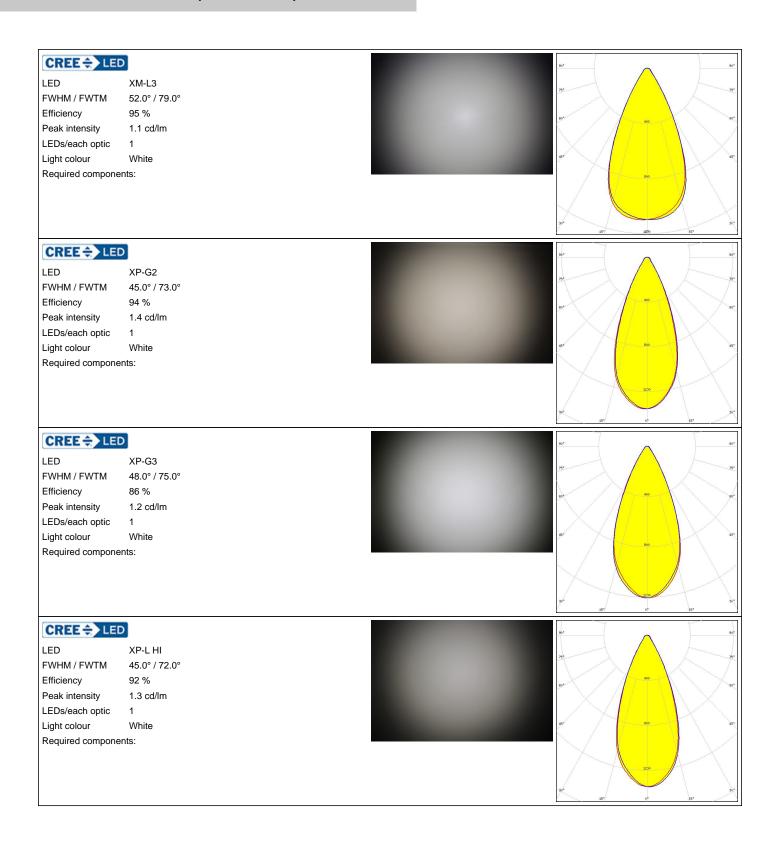


See also our general installation guide: www.ledil.com/installation\_guide

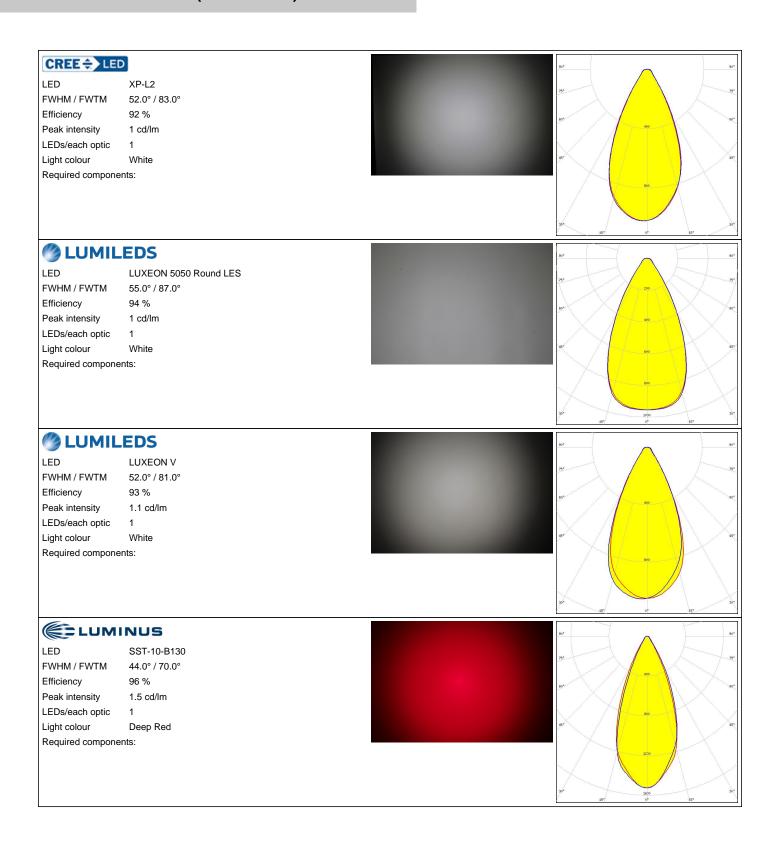




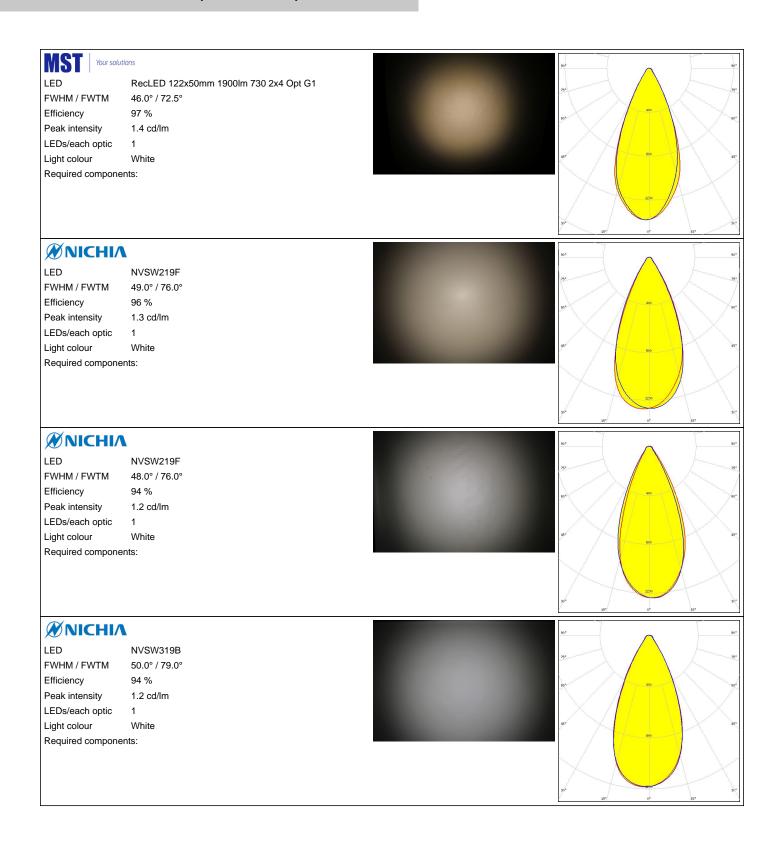




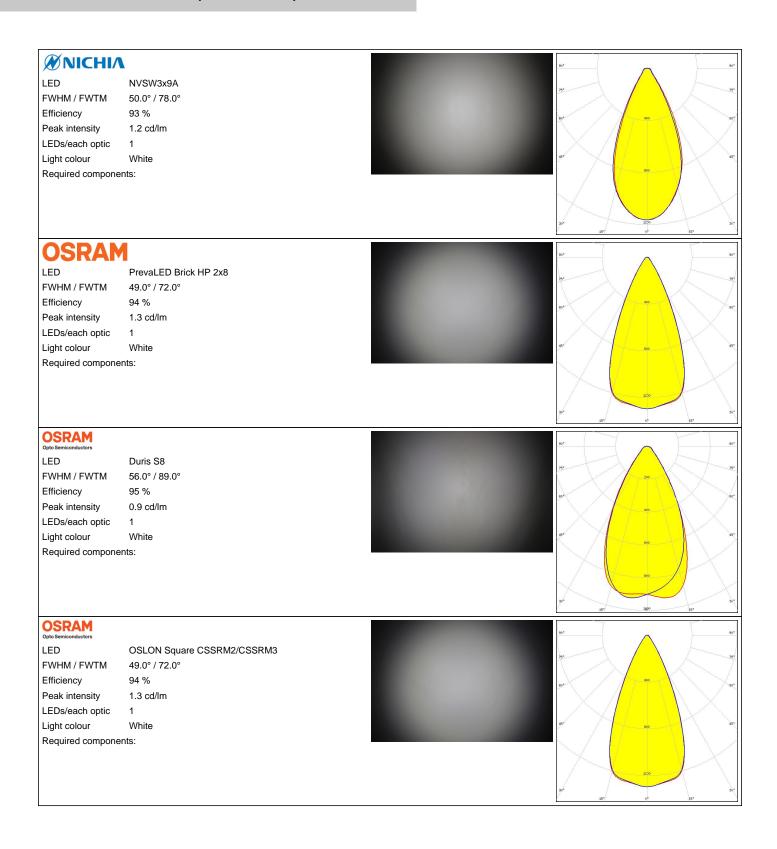










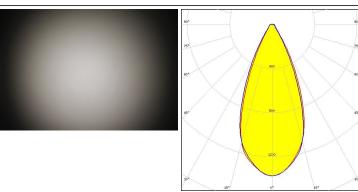




#### **PHILIPS**

LED Fortimo FastFlex LED 2x8 DA G4

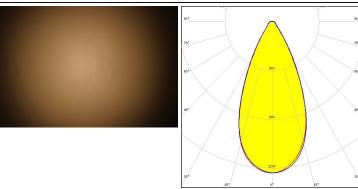
FWHM / FWTM 45.0° / 71.0°
Efficiency 93 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



#### PHILIPS

LED Fortimo FastFlex LED 2x8 DA G4+

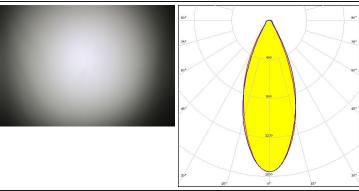
FWHM / FWTM 48.0° / 77.0°
Efficiency 96 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



## **SAMSUNG**

LED HILOM RC12 Z (LH181B)

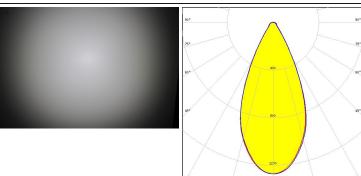
FWHM / FWTM 41.0° / 71.0°
Efficiency 97 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



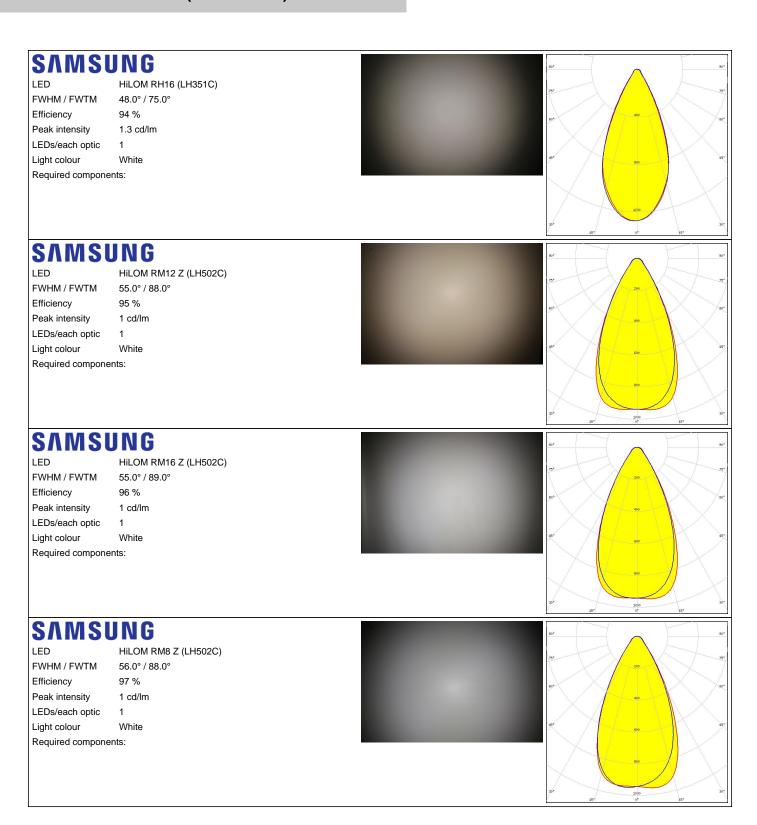
## **SAMSUNG**

LED HILOM RH12 Z (LH351C)

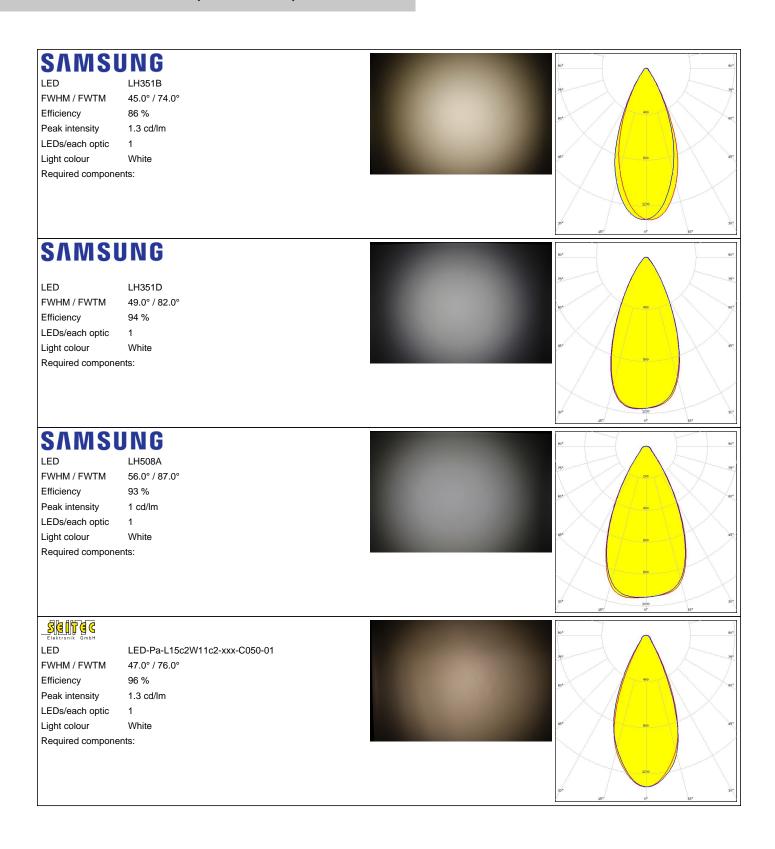
FWHM / FWTM 48.0° / 75.0°
Efficiency 96 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



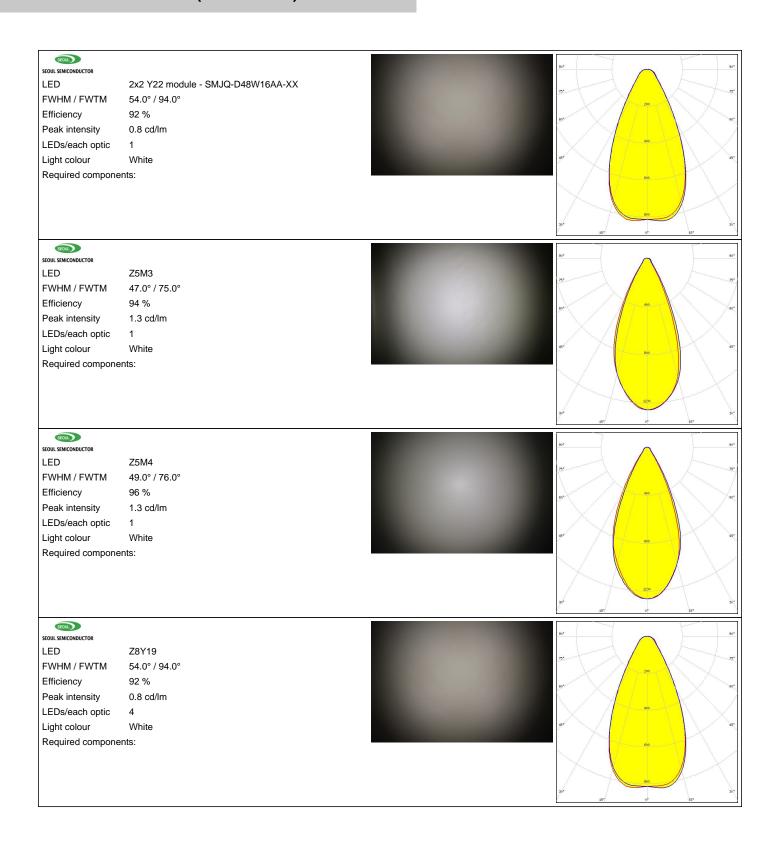




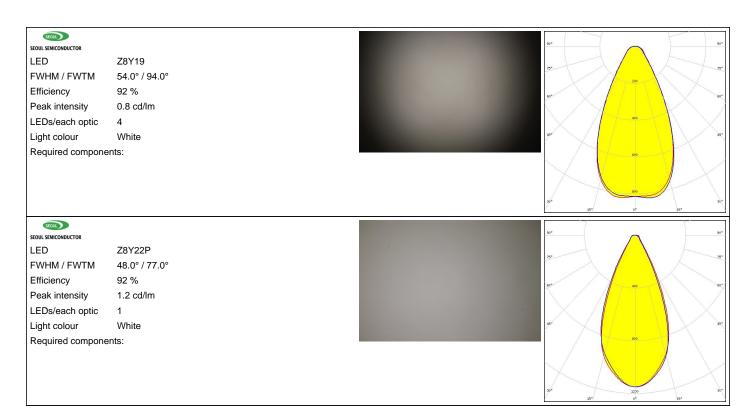












## **TRIDONIC**

LED RLE 2x4 2000lm HP EXC2 OTD

FWHM / FWTM 46.0° / 71.0°

Efficiency 94 %

Peak intensity 1.4 cd/lm

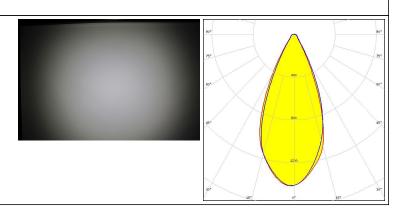
LEDs/each optic 1

Light colour White Required components:

## **TRIDONIC**

LED RLE 2x8 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:

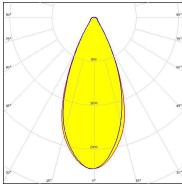




## **TRIDONIC**

LED RLE G1 49x121mm 2000lm xxx EXC OTD

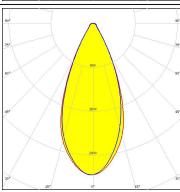
FWHM / FWTM 46.0° / 73.0°
Efficiency 94 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



## **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:

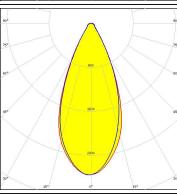


## **TRIDONIC**

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:



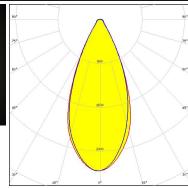


## **TRIDONIC**

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:









 LED
 XHP35 HI

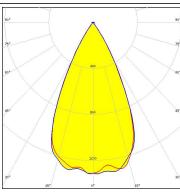
 FWHM / FWTM
 52.0° / 68.0°

 Efficiency
 93 %

Peak intensity 1.4 cd/lm LEDs/each optic 1

White

Light colour
Required components:



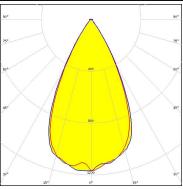
#### CREE & LED

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

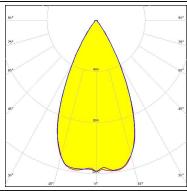
LED XP-G3 FWHM / FWTM 52.0° / 74.0°

Efficiency 89 %

Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White

Required components:

Protective plate, glass



#### CREE & LED

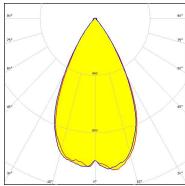
LED XP-L HD FWHM / FWTM 55.0° / 79.0°

Efficiency 93 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1

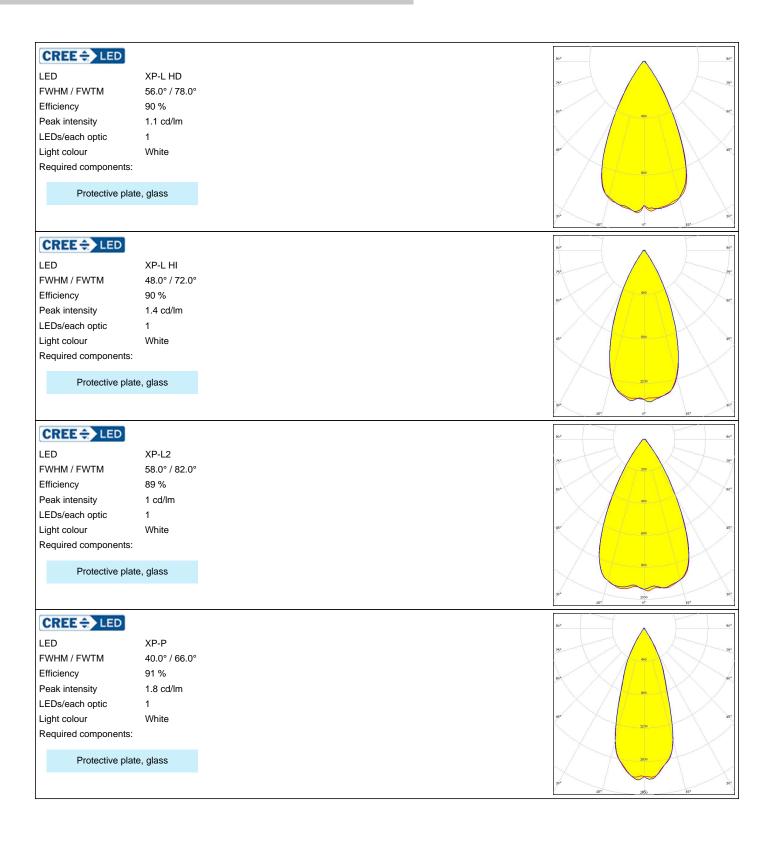
White

Required components:

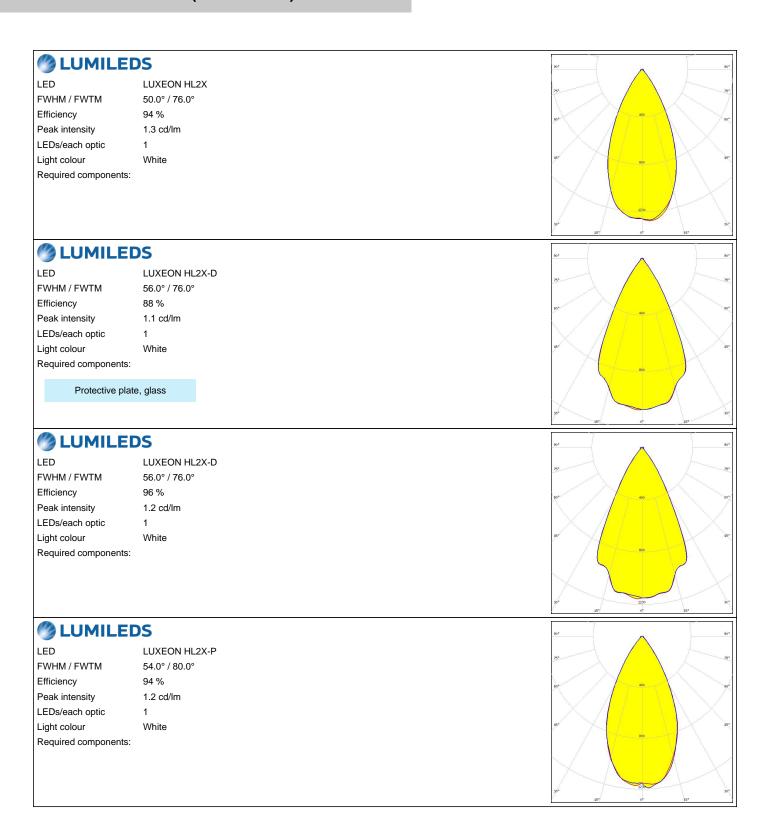
Light colour



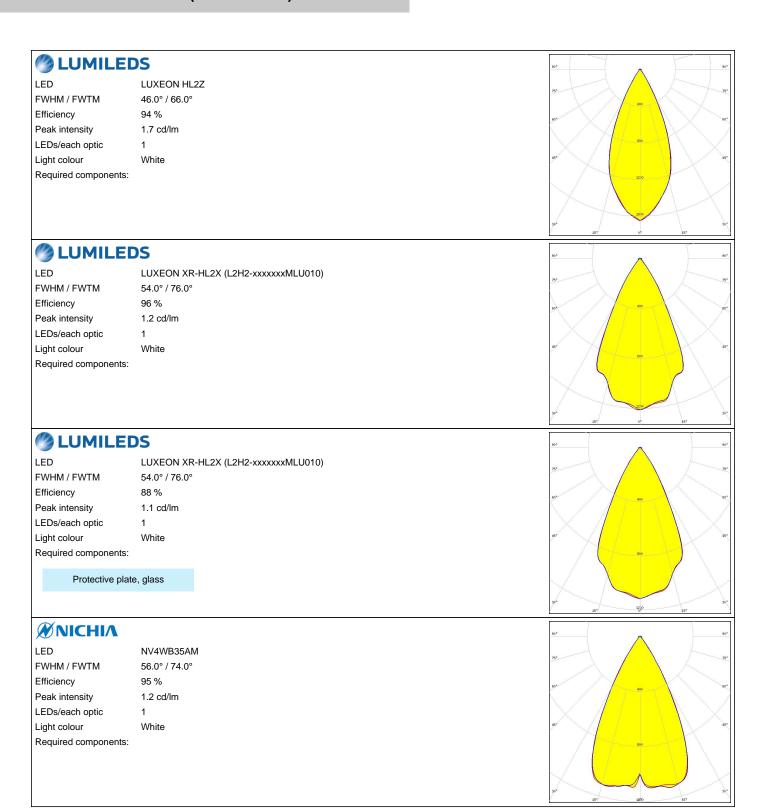














#### **OSRAM**

LED

Duris S8

FWHM / FWTM

57.0° / 83.0°

Efficiency

90 %

Peak intensity

1 cd/lm

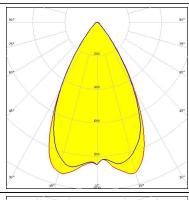
LEDs/each optic

Light colour

White

Required components:

Protective plate, glass



#### **OSRAM**

LED OSCONIQ C 2424

FWHM / FWTM

45.0° / 62.0°

Efficiency

96 %

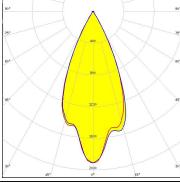
Peak intensity

1.9 cd/lm

LEDs/each optic Light colour

1 White

Required components:



# OSRAM Opto Semiconductors

LED OSCONIQ P 3030

FWHM / FWTM

42.0° / 64.0°

Efficiency

96 %

Peak intensity

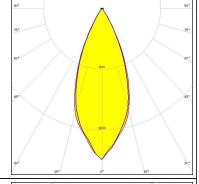
2 cd/lm

LEDs/each optic

White

Light colour

Required components:



#### **OSRAM**

LED

OSCONIQ P 3737 (2W version)

FWHM / FWTM

45.0° / 68.0°

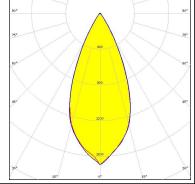
Efficiency Peak intensity 96 %

1.7 cd/lm

LEDs/each optic

White

Light colour Required components:



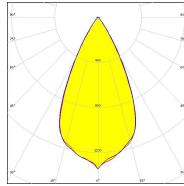


#### **OSRAM**

LED OSCONIQ P 3737 (3W version)

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

Required components:

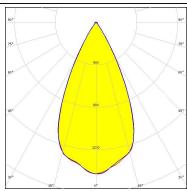


#### **OSRAM**

LED OSCONIQ P 3737 Flat

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

Required components:

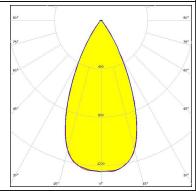


# OSRAM Opto Semiconductor

OSLON Square CSSRM2/CSSRM3 LED

FWHM / FWTM 50.0° / 72.0° Efficiency 87 % Peak intensity 1.3 cd/lm LEDs/each optic 1 Light colour White

Protective plate, glass

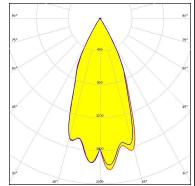


#### **OSRAM**

Required components:

LED OSLON Square Flat

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



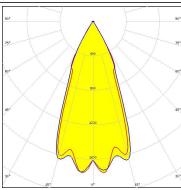


#### **OSRAM**

LED OSTAR Projection Compact (Kx.CSLNM1.xx)

FWHM / FWTM 42.0° / 64.0°
Efficiency 96 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour White

Required components:



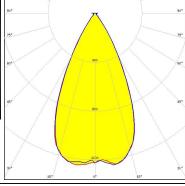
#### PHILIPS

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:





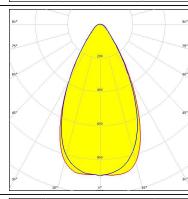
## **SAMSUNG**

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

Protective plate, glass

Required components:

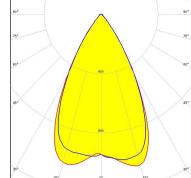


## SEOUL SEMICONDUCTOR

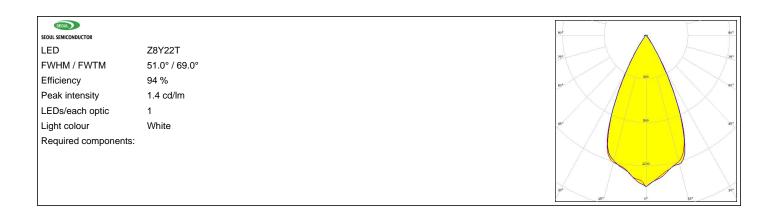
LED SEOUL DC 5050 6V

FWHM / FWTM 54.0° / 79.0°
Efficiency 94 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White

Required components:









## 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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# 405, Block B Casic Motor Building Shenzhen 518057 P.R.CHINA

# Local sales and technical support

www.ledil.com/ where\_to\_buy

#### **Shipping locations**

Salo, Finland Hong Kong, China

#### **Distribution Partners**

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