

### HB-IP-2X6-W

~60° wide beam

### **SPECIFICATION:**

Dimensions 173.0 x 71.4 mm

Height 11.4 mm

Fastening pin, screw

Ingress protection classes IP67

ROHS compliant yes 1



#### **MATERIALS:**

ComponentTypeMaterialColourFinishHB-IP-2X6-WMulti-lensPMMAclear2X6-SEAL25SealSiliconewhite

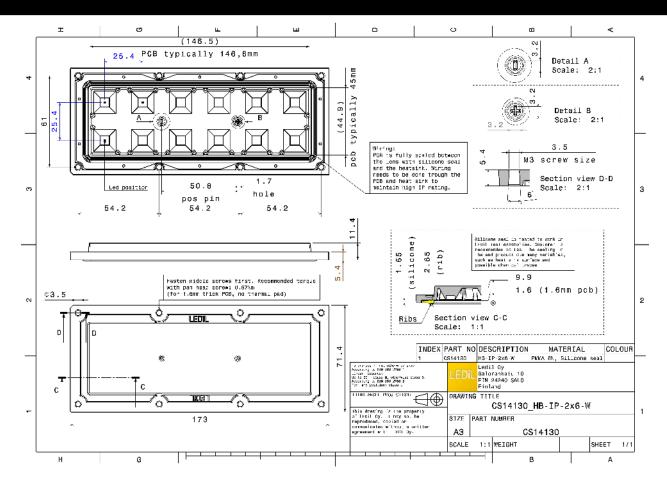
### **ORDERING INFORMATION:**

» Box size: 476 x 273 x 247 mm

ComponentQty in boxMOQMPQBox weight (kg)CS14130\_HB-IP-2X6-WMulti-lens12040408.4

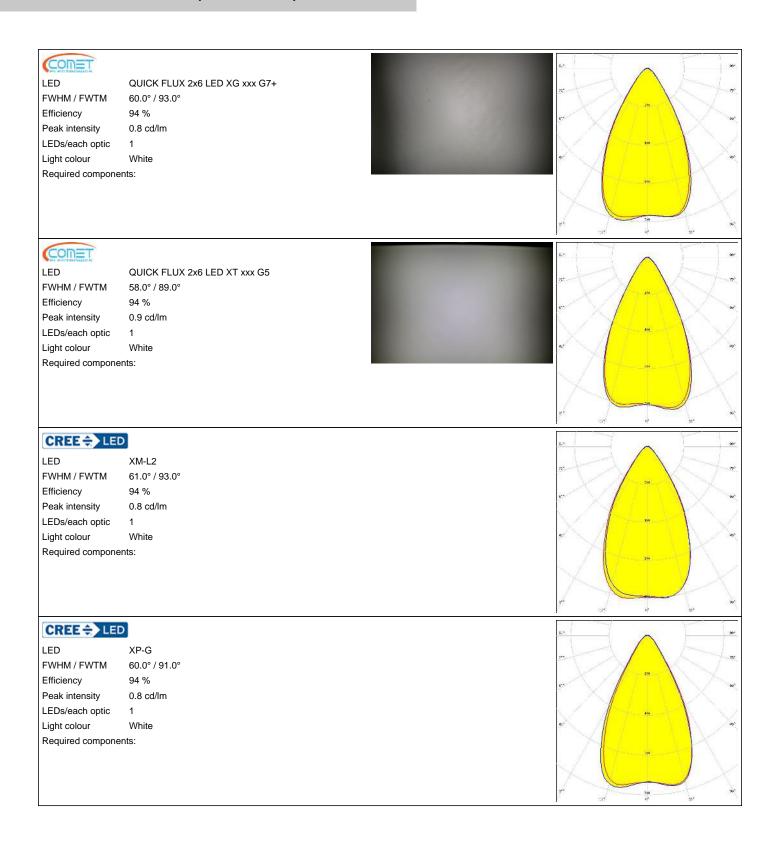


# PRODUCT DATASHEET CS14130\_HB-IP-2X6-W

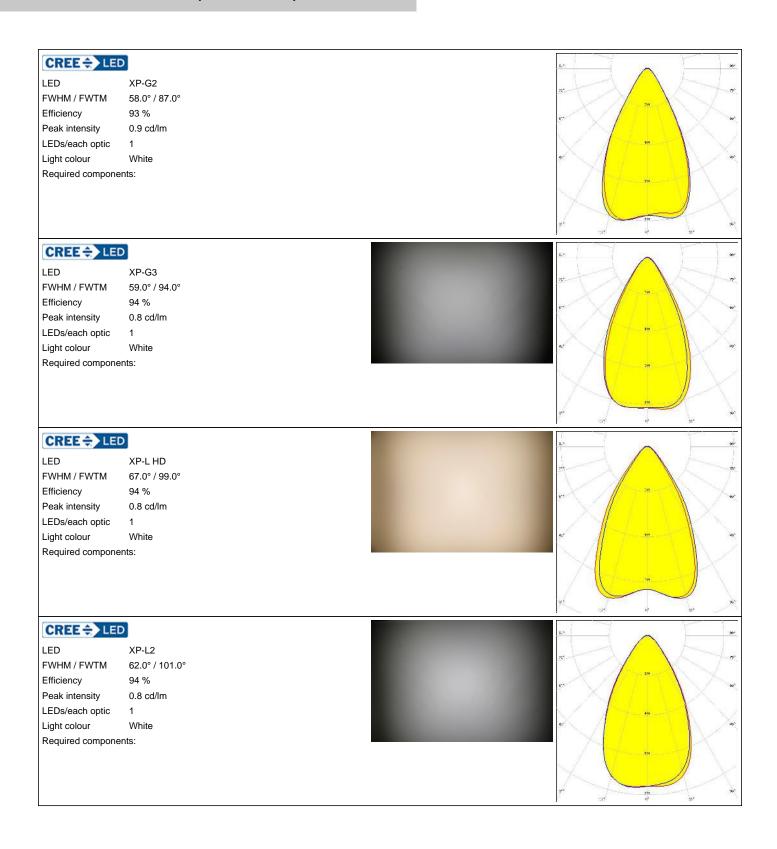


See also our general installation guide: <a href="www.ledil.com/installation\_guide">www.ledil.com/installation\_guide</a>

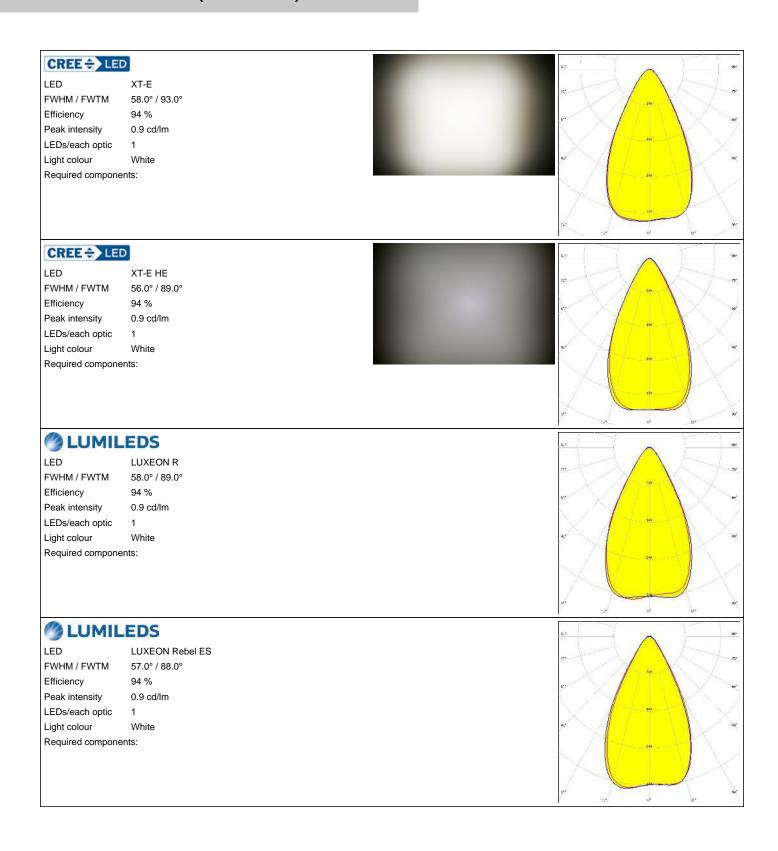




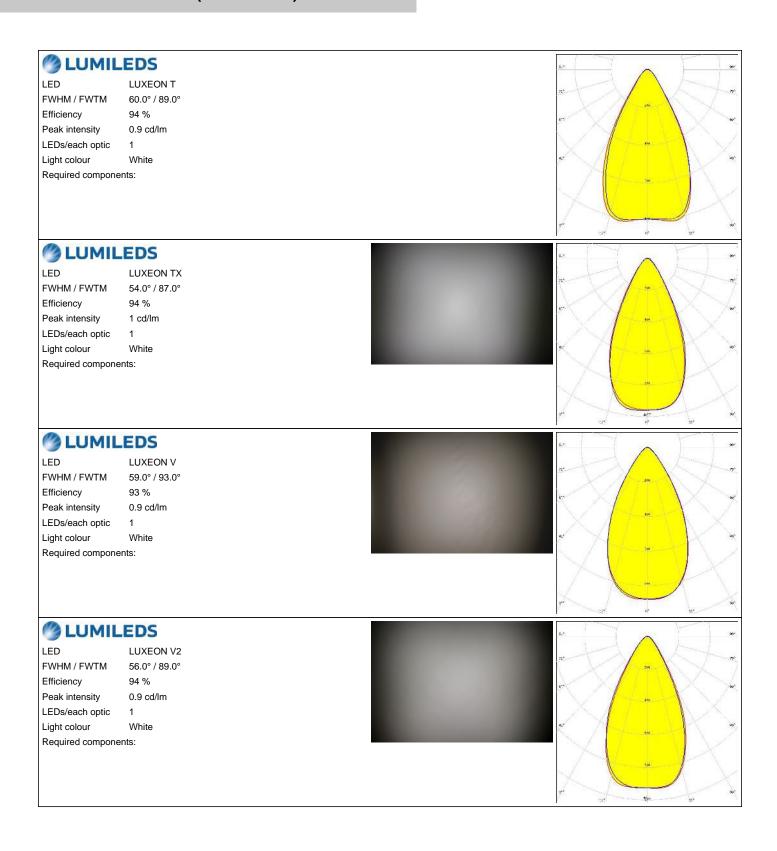




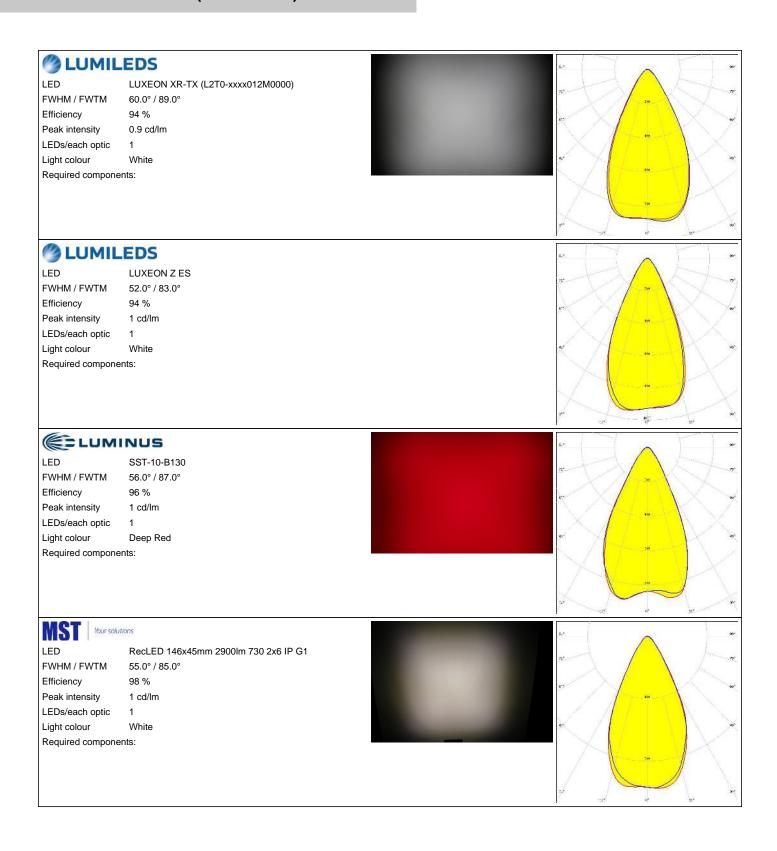




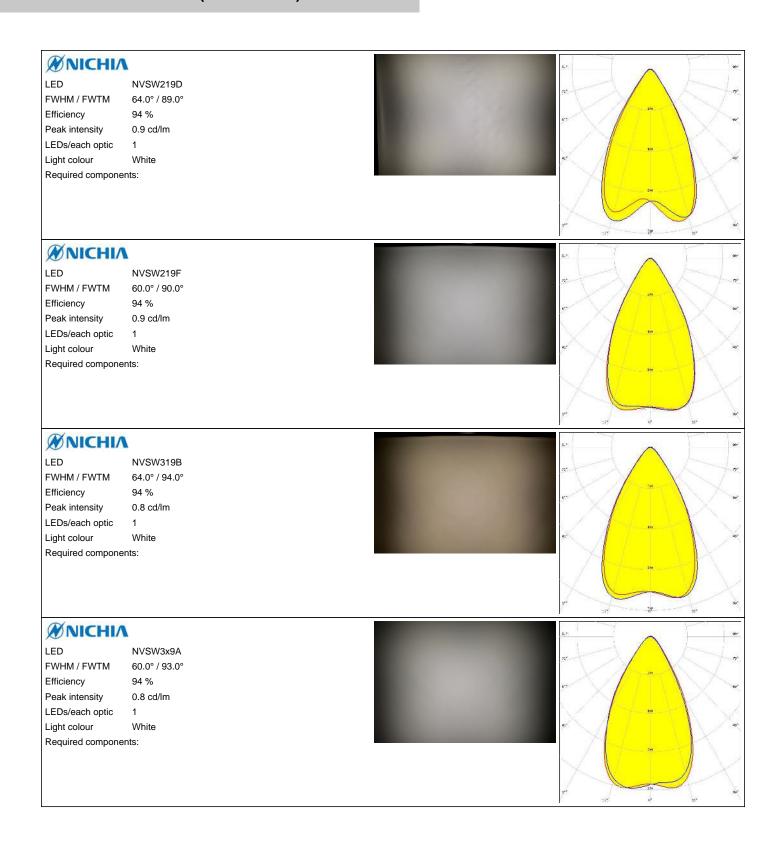




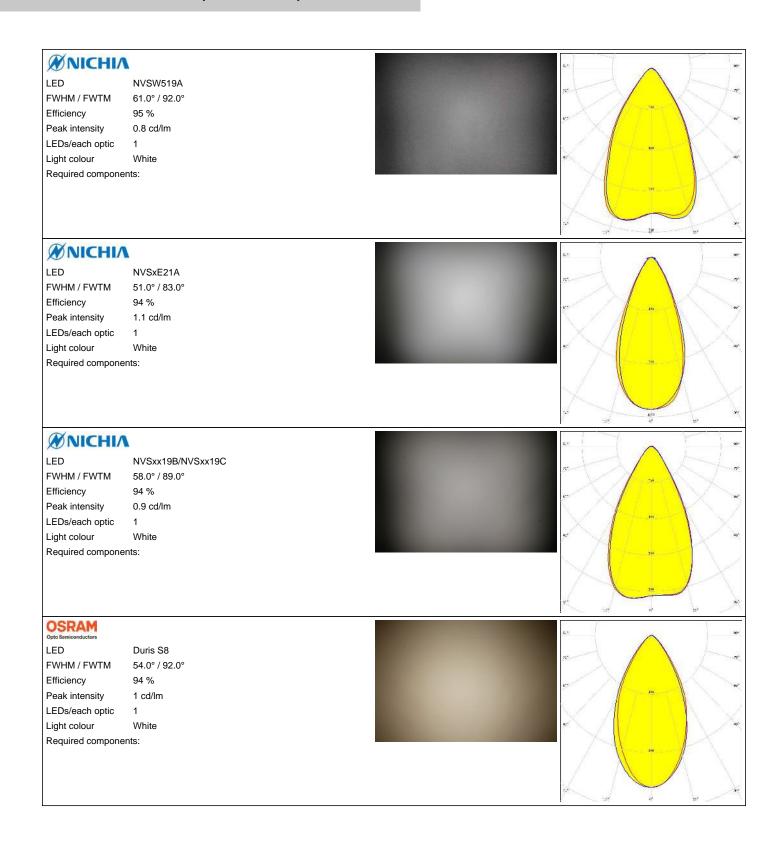




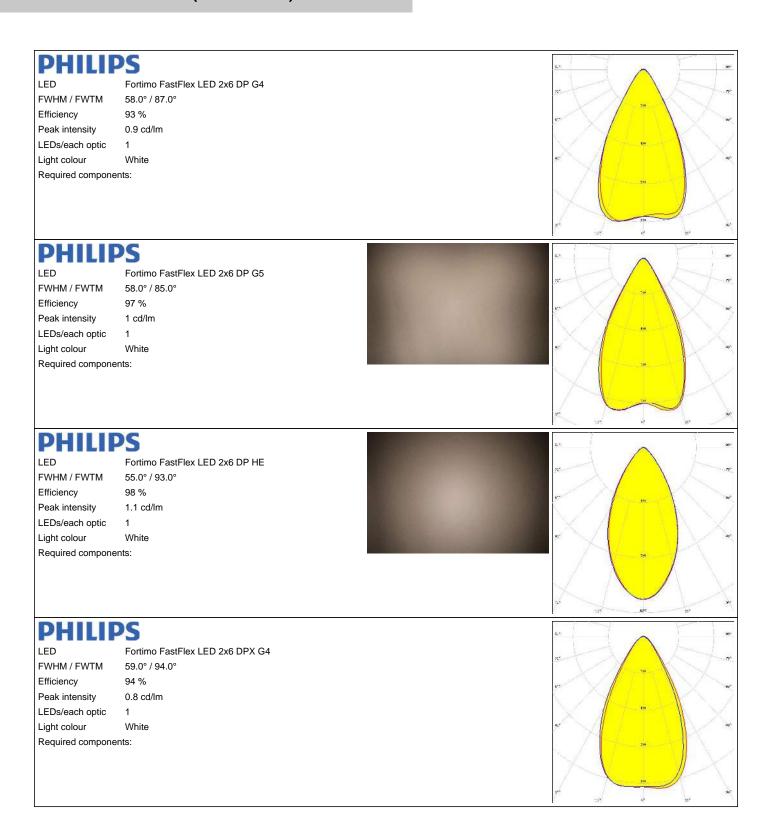




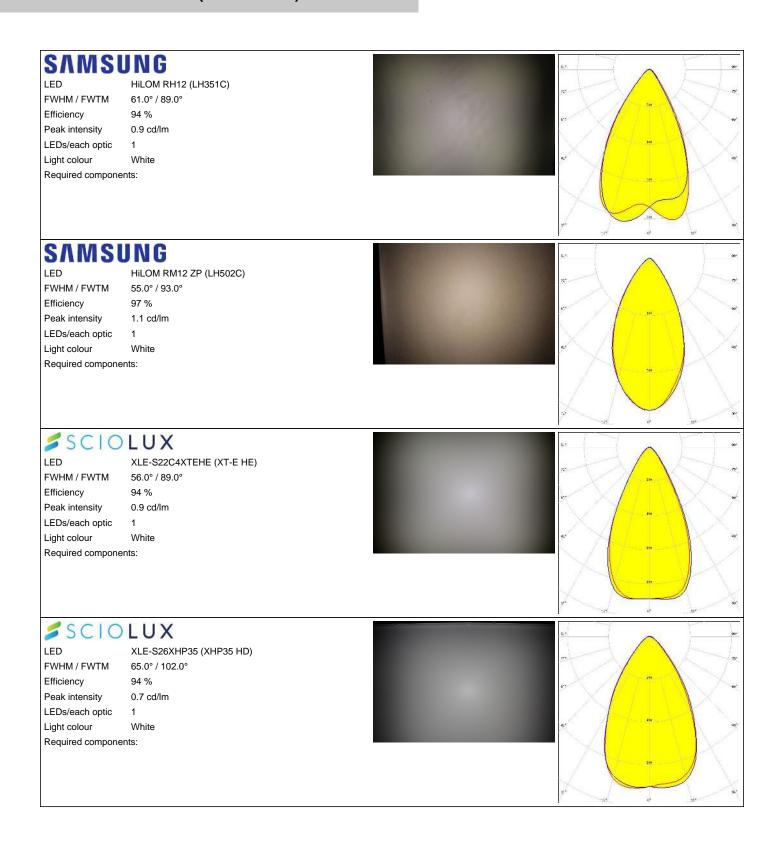




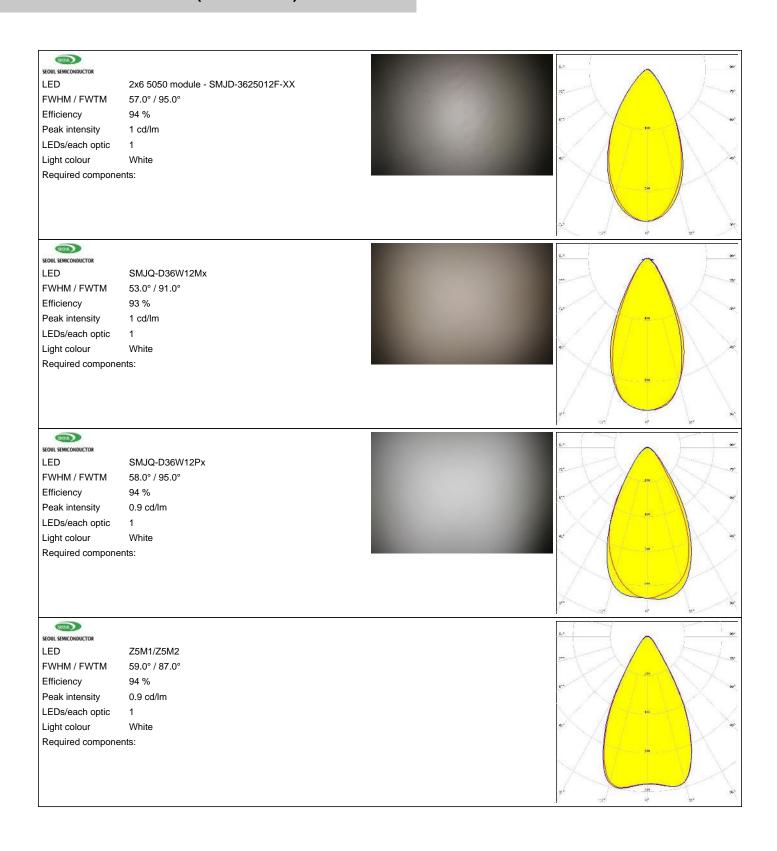




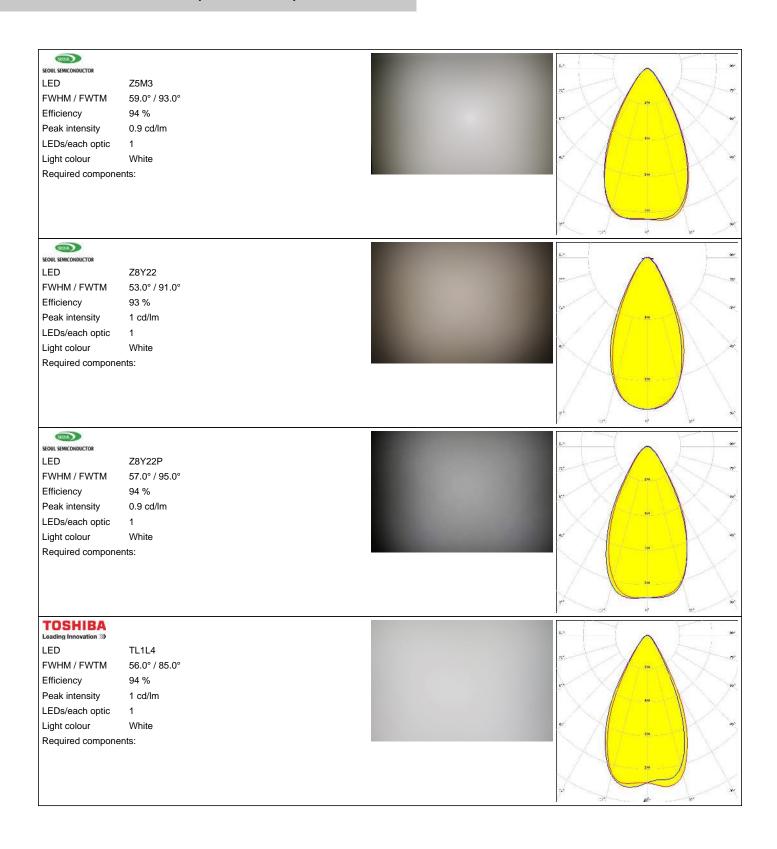




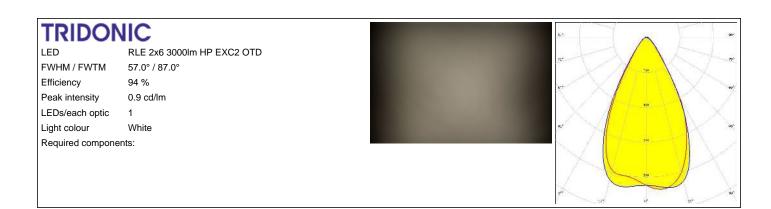














White



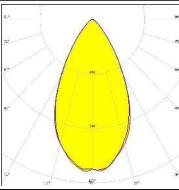
LED

Light colour

J Series 5050 Round LES

FWHM / FWTM 55.0° / 86.0° Efficiency 94 % Peak intensity 1.2 cd/lm LEDs/each optic 1

Required components:



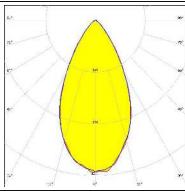
### CREE & LED

LED

J Series 5050B 6V K Class

FWHM / FWTM 54.0° / 88.0°
Efficiency 97 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White

Required components:



### CREE - LED

LED

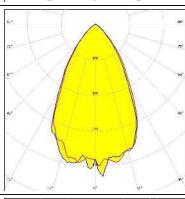
MHB-A/B

 FWHM / FWTM
 60.0° / 96.0°

 Efficiency
 91 %

 Peak intensity
 0.9 cd/lm

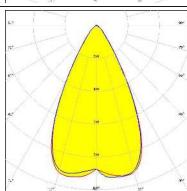
LEDs/each optic 1
Light colour White
Required components:



### CREE & LED

\_ED XB-D

FWHM / FWTM 52.0° / 80.0°
Efficiency 90 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White





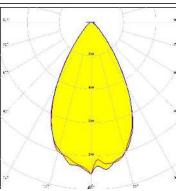


LED XHP35 HD FWHM / FWTM 60.0° / 92.0°

Efficiency 94 % Peak intensity 0.9 cd/lm

LEDs/each optic Light colour White

Required components:

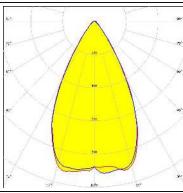


### CREE & LED

LED XHP35 HI FWHM / FWTM 57.0° / 82.0°

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

Required components:



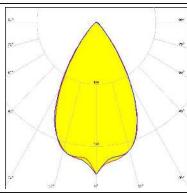
### CREE \$\(\preceq\) LED

LED XM-L

FWHM / FWTM 57.0° / 85.0° Efficiency 93 % Peak intensity 1 cd/lm LEDs/each optic

Light colour White

Required components:

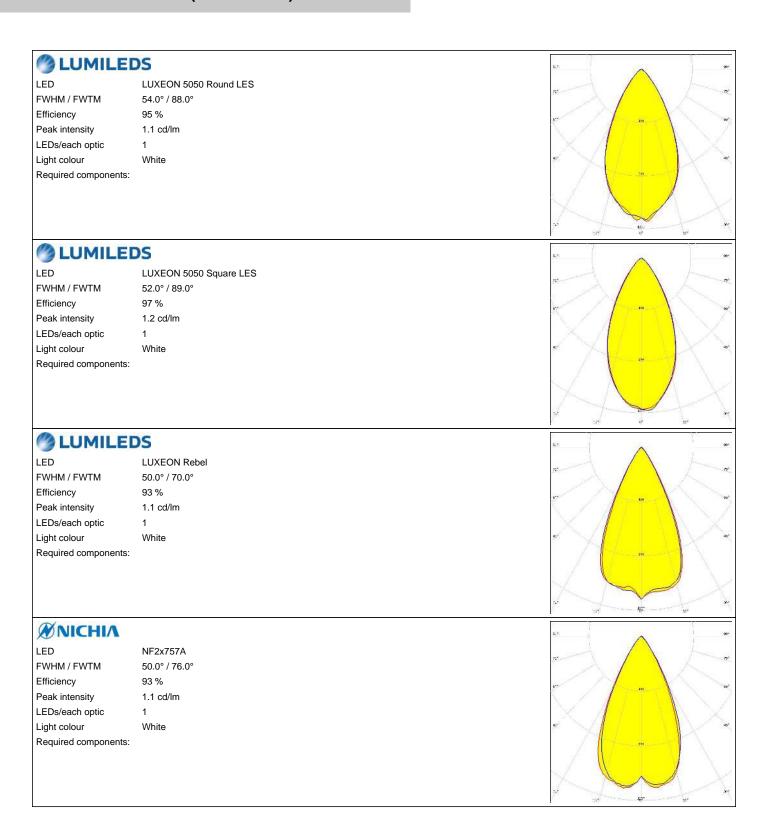


### CREE - LED

LED XP-E2 FWHM / FWTM 56.0° / 76.0° Efficiency 94 %

LEDs/each optic White Light colour







White

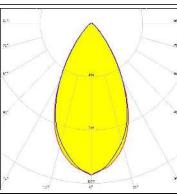
# **WNICHIA**

Efficiency 97 %

Peak intensity 1.1 cd/lm LEDs/each optic 1

Required components:

Light colour



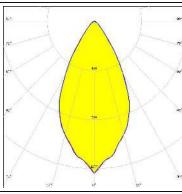
## **WNICHIA**

LED NV4WB35AM

FWHM / FWTM 54.0° / 84.0° Efficiency 97 %

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

Required components:



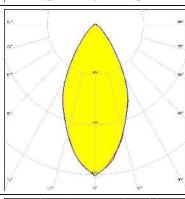
### **WNICHIA**

LED NVSxE21A FWHM / FWTM 52.0° / 90.0°

Efficiency 95 %

Peak intensity 1.2 cd/lm
LEDs/each optic 4
Light colour White

Required components:

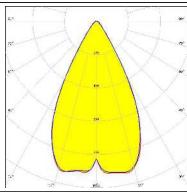


# **OSRAM**

LED PrevaLED Brick HP IP 2x6

FWHM / FWTM 56.0° / 80.0°
Efficiency 96 %
Peak intensity 1 cd/lm
LEDs/each optic 1

Light colour White







LED OSCONIQ P 3030

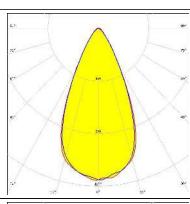
FWHM / FWTM 50.0° / 80.0°

Efficiency 94 % Peak intensity 1.2 cd/lm

LEDs/each optic

Light colour White

Required components:



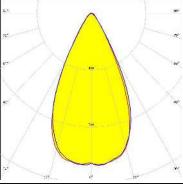
### OSRAM

LED OSCONIQ P 3737 (2W version)

FWHM / FWTM 57.0° / 79.0° Efficiency 94 % Peak intensity 1.1 cd/lm

LEDs/each optic 1

White Light colour Required components:



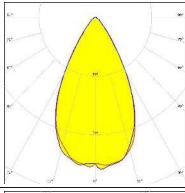
# OSRAM Opto Semiconductors

LED OSCONIQ P 3737 (3W version)

FWHM / FWTM 56.0° / 84.0° Efficiency 94 % 1.1 cd/lm

Peak intensity LEDs/each optic 1 Light colour White

Required components:

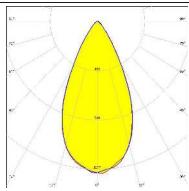


# OSRAM Opto Semiconductors

Light colour

LED OSCONIQ P 3737 Flat

FWHM / FWTM 52.0° / 80.0° Efficiency 97 % Peak intensity 1.2 cd/lm LEDs/each optic White





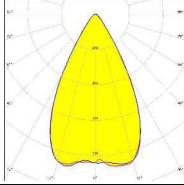
# OSRAM Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3

FWHM / FWTM 58.0° / 82.0° Efficiency 96 % Peak intensity 1 cd/lm LEDs/each optic

Light colour Hyper Red

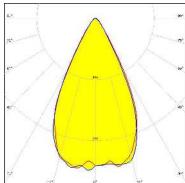
Required components:



# OSRAM Opto Semiconductor

LED OSLON Square CSSRM2/CSSRM3

FWHM / FWTM 56.0° / 78.0° Efficiency 94 % LEDs/each optic 1 White Light colour Required components:



# OSRAM Opto Semiconductors

LED OSLON Square EC  $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 56.0° / 70.0° Efficiency 93 %

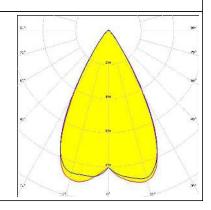
LEDs/each optic 1 Light colour White

### Required components:



LED OSLON Square PC FWHM / FWTM 56.0° / 70.0°

93 % Efficiency Peak intensity 1 cd/lm LEDs/each optic White Light colour





#### OSRAM Opto Semiconductors

LED OSLON SSL 80

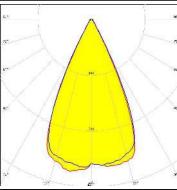
FWHM / FWTM 52.0° / 69.0°

Efficiency 94 %
Peak intensity 1.2 cd/lm

LEDs/each optic 1

Light colour White

Required components:



# SAMSUNG

LED LH181B

FWHM / FWTM 50.0° / 78.0°

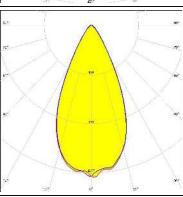
Efficiency 96 %

Peak intensity 1.2 cd/lm

LEDs/each optic 1

Light colour White

Required components:



# SAMSUNG

LED LH181B

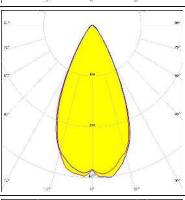
FWHM / FWTM 54.0° / 80.0°

Efficiency 94 %

Peak intensity 1.2 cd/lm

LEDs/each optic 1

Light colour White Required components:



# SAMSUNG

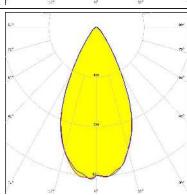
LED LH231B

FWHM / FWTM 52.0° / 80.0°

Efficiency 97 %

Peak intensity 1.2 cd/lm

LEDs/each optic 1
Light colour White





# SAMSUNG

LH502C

FWHM / FWTM

54.0° / 90.0° 97 %

Efficiency Peak intensity

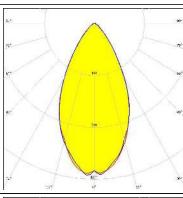
1.2 cd/lm

LEDs/each optic

Light colour

White

Required components:



# SAMSUNG

LED

LH502D

FWHM / FWTM Efficiency

52.0° / 88.0° 97 %

Peak intensity

1.2 cd/lm

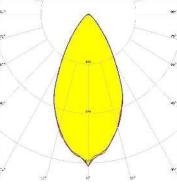
LEDs/each optic

1

Light colour

White

Required components:



# SAMSUNG

LH508B

FWHM / FWTM

52.0° / 89.0°

Efficiency

94 %

Peak intensity

1.2 cd/lm

LEDs/each optic

1

Light colour

White



Required components:



LED

Acrich MJT 4040

FWHM / FWTM Efficiency

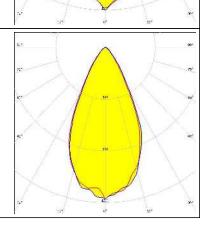
52.0° / 82.0° 93 %

Peak intensity

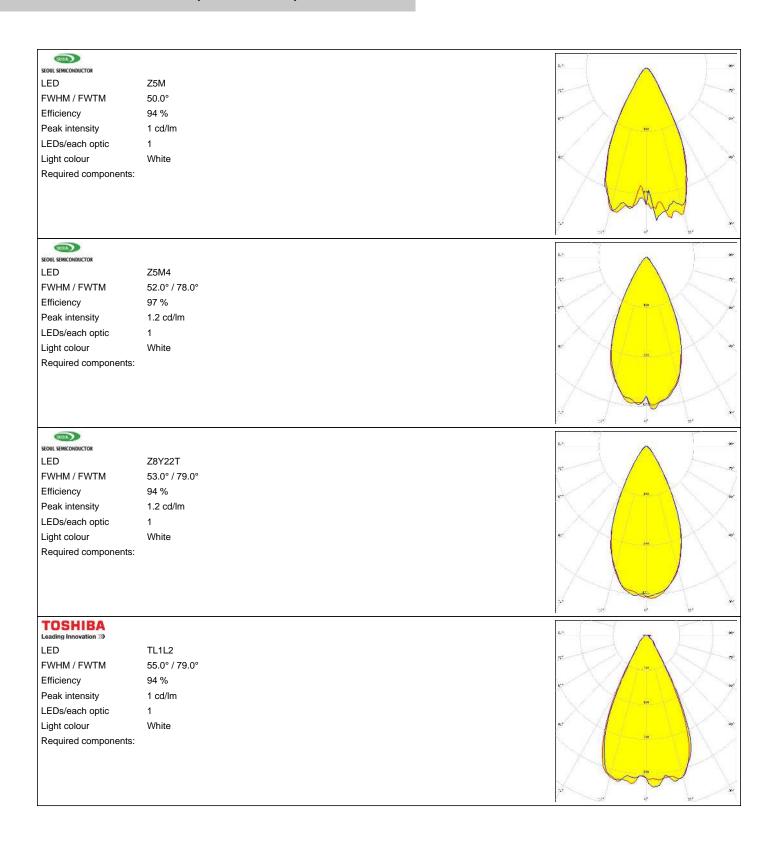
1.2 cd/lm

LEDs/each optic Light colour

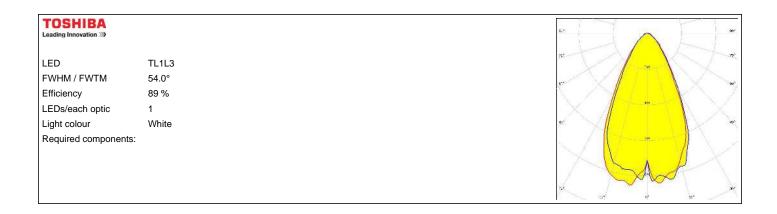
White











# PRODUCT DATASHEET CS14130\_HB-IP-2X6-W

#### **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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# Local sales and technical support

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#### **Shipping locations**

Salo, Finland Hong Kong, China

#### Distribution Partners

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