

### HB-IP-2X6-M

~25° medium beam

#### **SPECIFICATION:**

Dimensions 173.0 x 71.4 mm
Height 11.4 mm
Fastening pin, screw
Ingress protection classes IP67
ROHS compliant yes i



#### **MATERIALS:**

ComponentTypeMaterialColourFinishHB-IP-2X6-MMulti-lensPMMAclear2X6-SEAL25SealSiliconewhite

#### **ORDERING INFORMATION:**

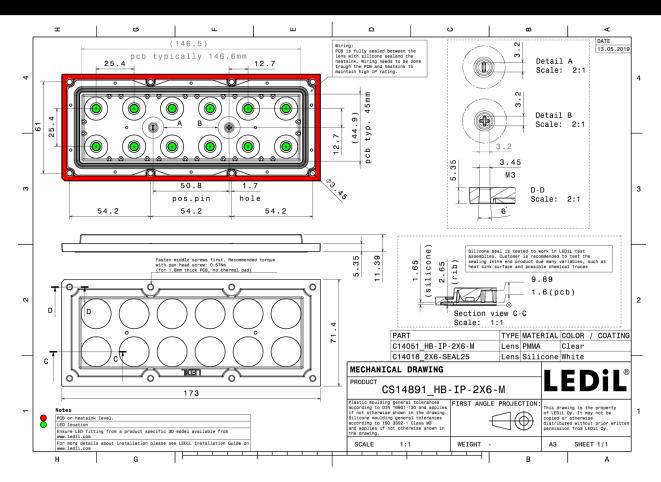
» Box size: 476 x 273 x 247 mm

 Component
 Qty in box
 MOQ
 MPQ
 Box weight (kg)

 CS14891\_HB-IP-2X6-M
 Multi-lens
 120
 40
 40
 8.1

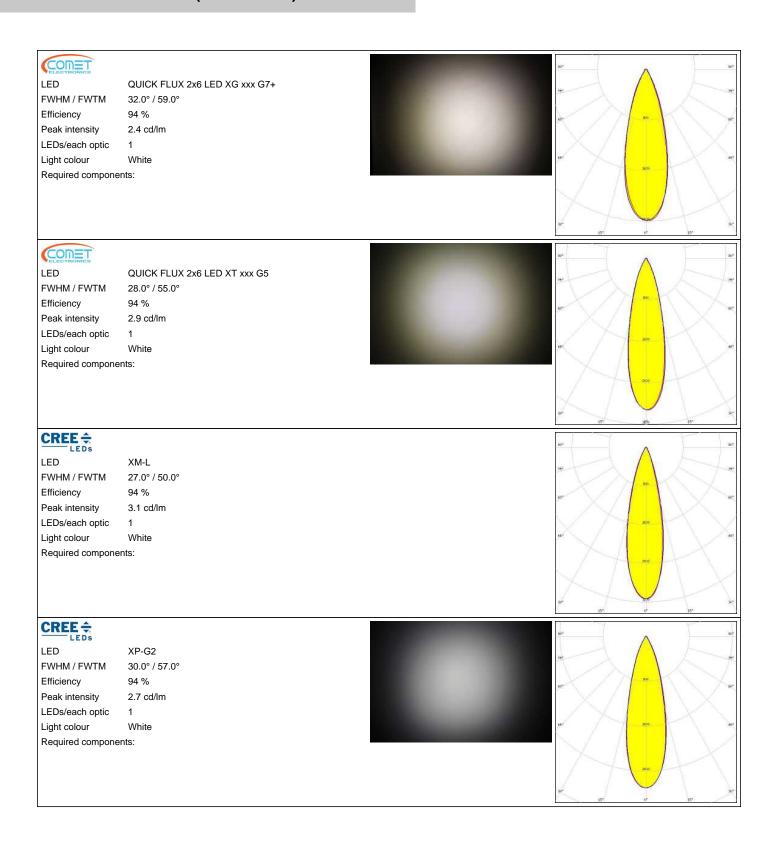


## PRODUCT DATASHEET CS14891\_HB-IP-2X6-M

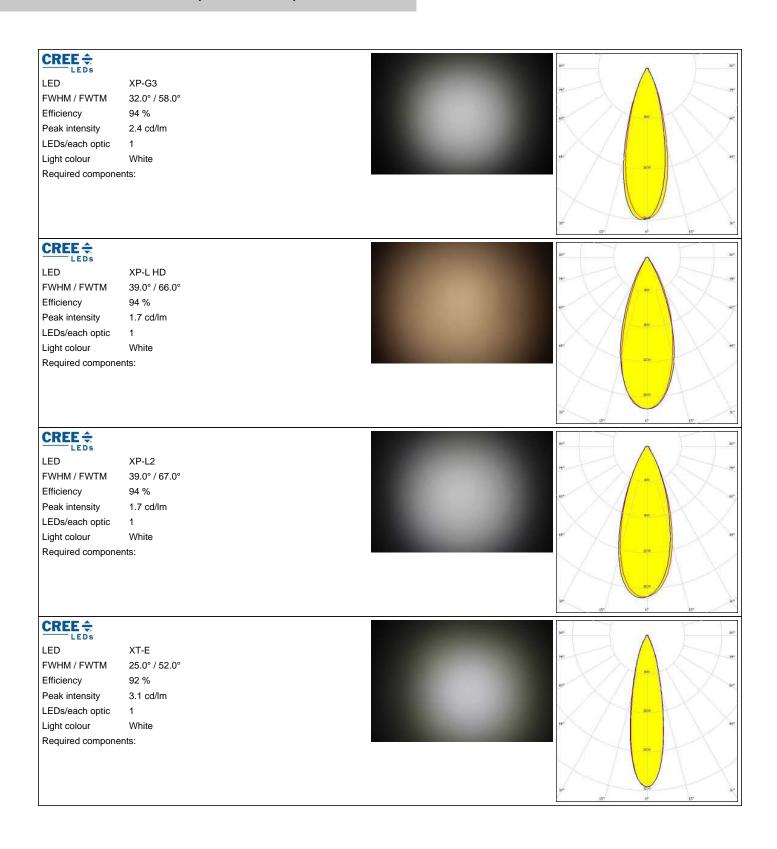


See also our general installation guide: <a href="www.ledil.com/installation\_guide">www.ledil.com/installation\_guide</a>

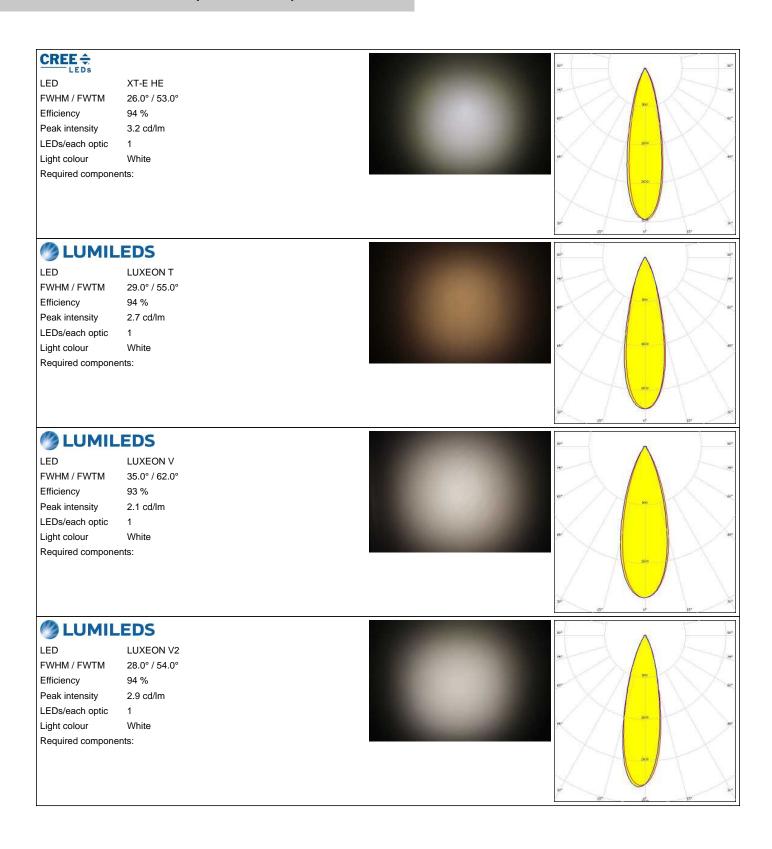




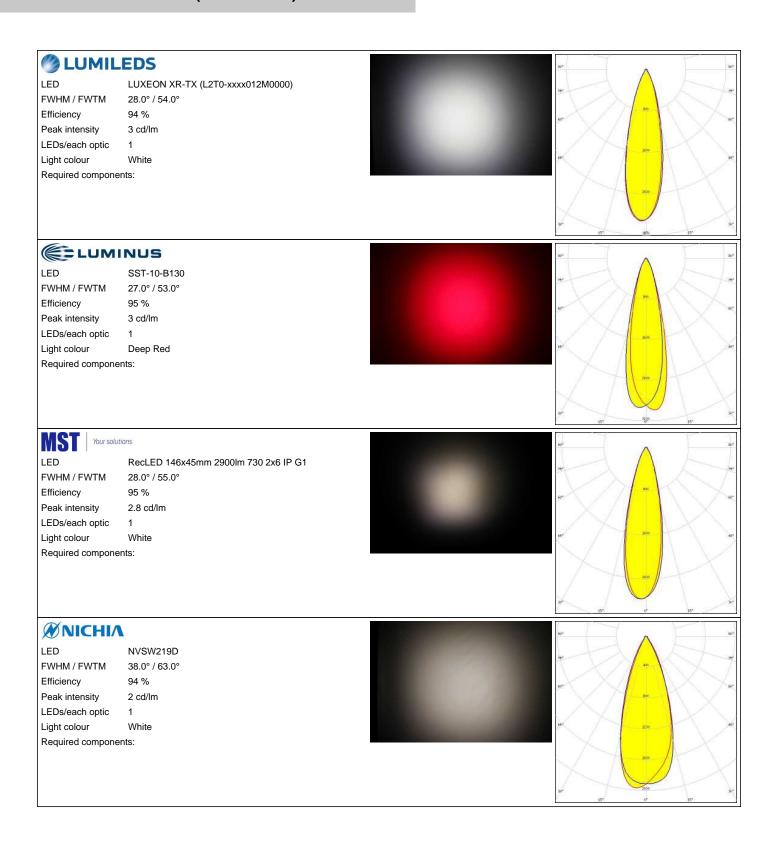




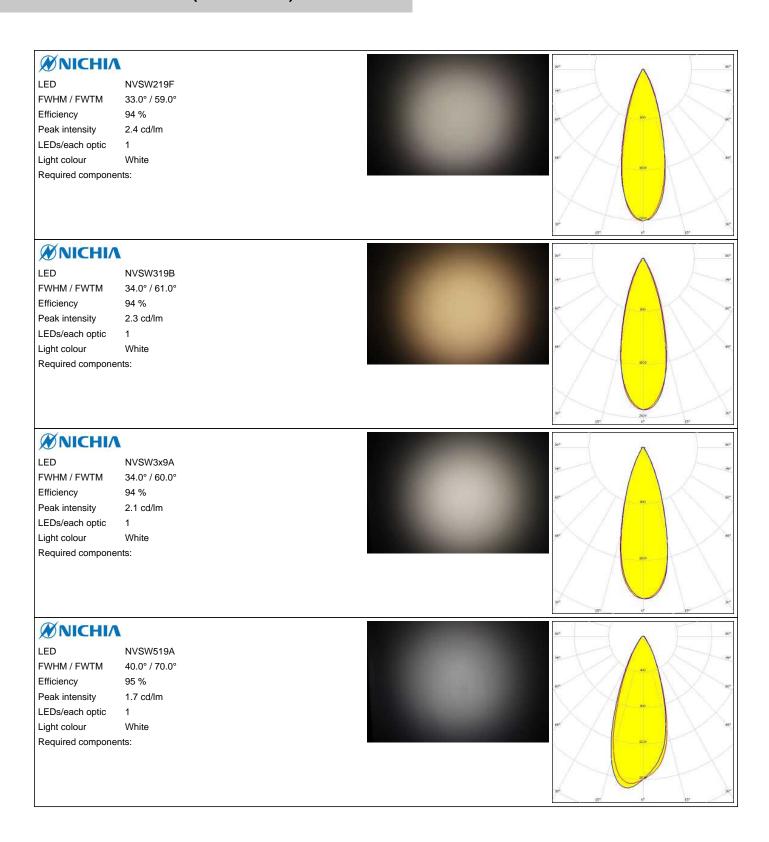




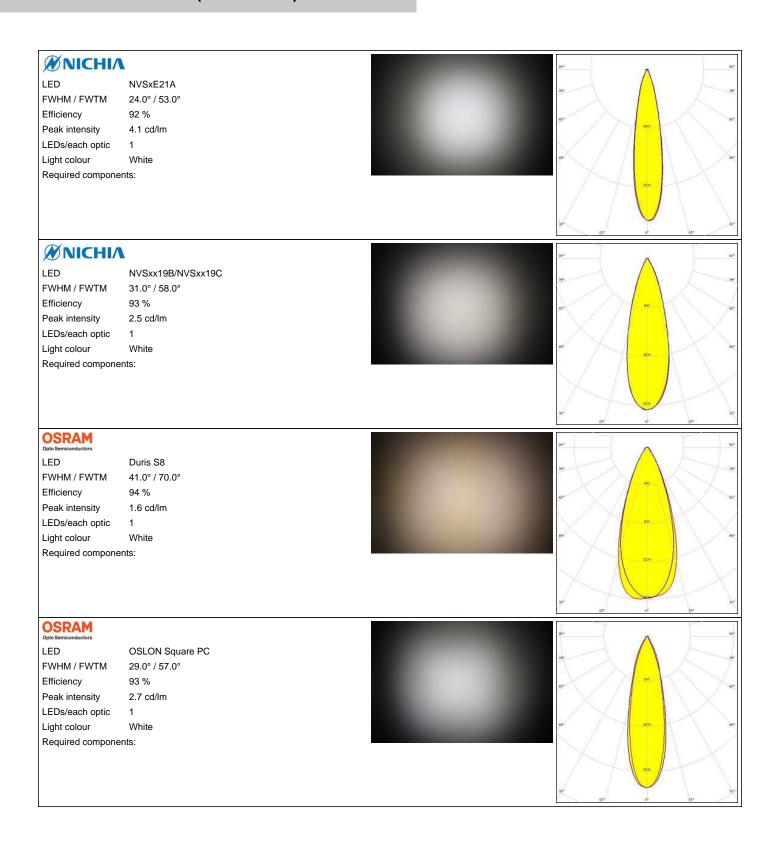












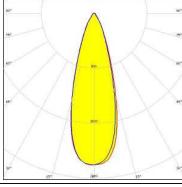


### **PHILIPS**

LED Fortimo FastFlex LED 2x6 DP G5

FWHM / FWTM 32.0° / 62.0°
Efficiency 96 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



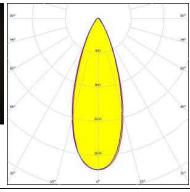


### PHILIPS

LED Fortimo FastFlex LED 2x6 DP HE

FWHM / FWTM 38.0° / 68.0°
Efficiency 97 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:

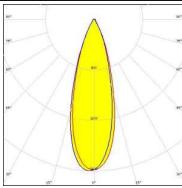




## PHILIPS

LED Fortimo FastFlex LED 2x6 DPX G4

FWHM / FWTM 32.0° / 58.0°
Efficiency 94 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



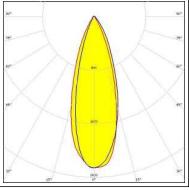
## **SAMSUNG**

LED HiLOM RH12 (LH351C)

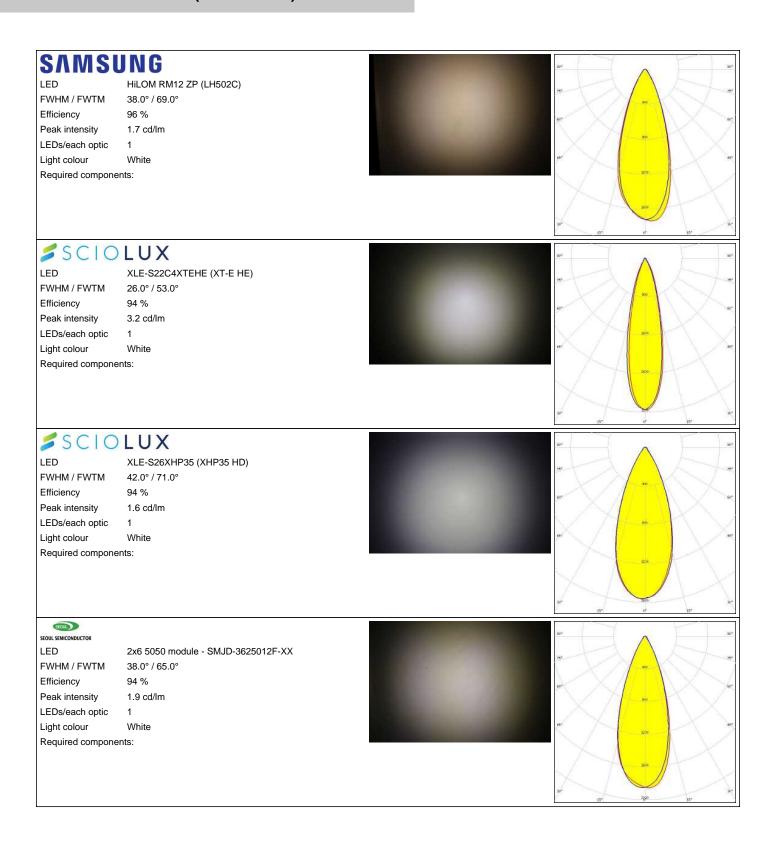
FWHM / FWTM 33.0° / 61.0°
Efficiency 94 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White

Required components:

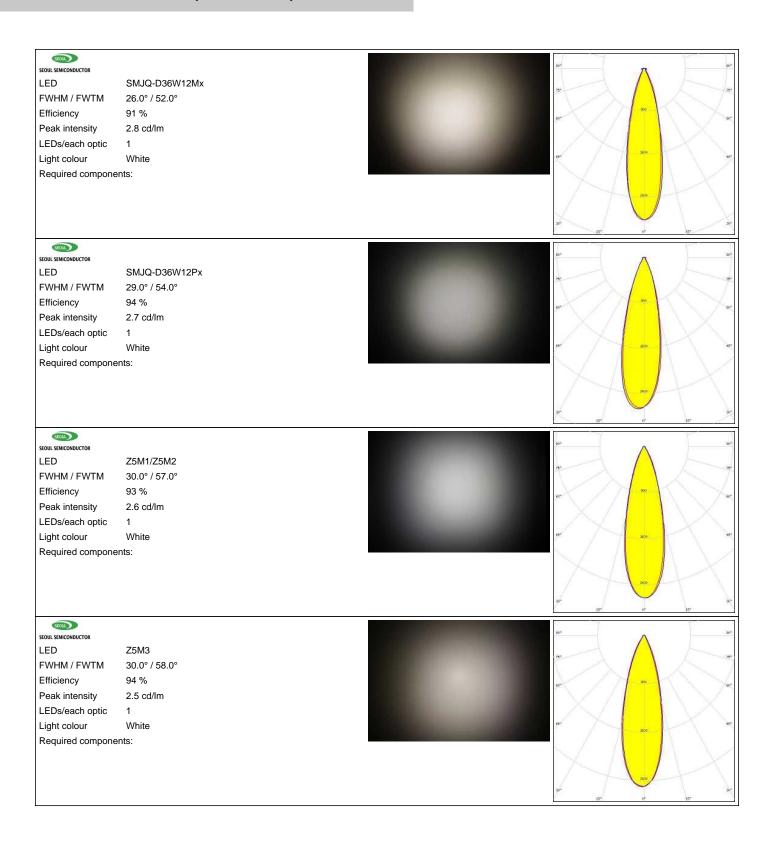




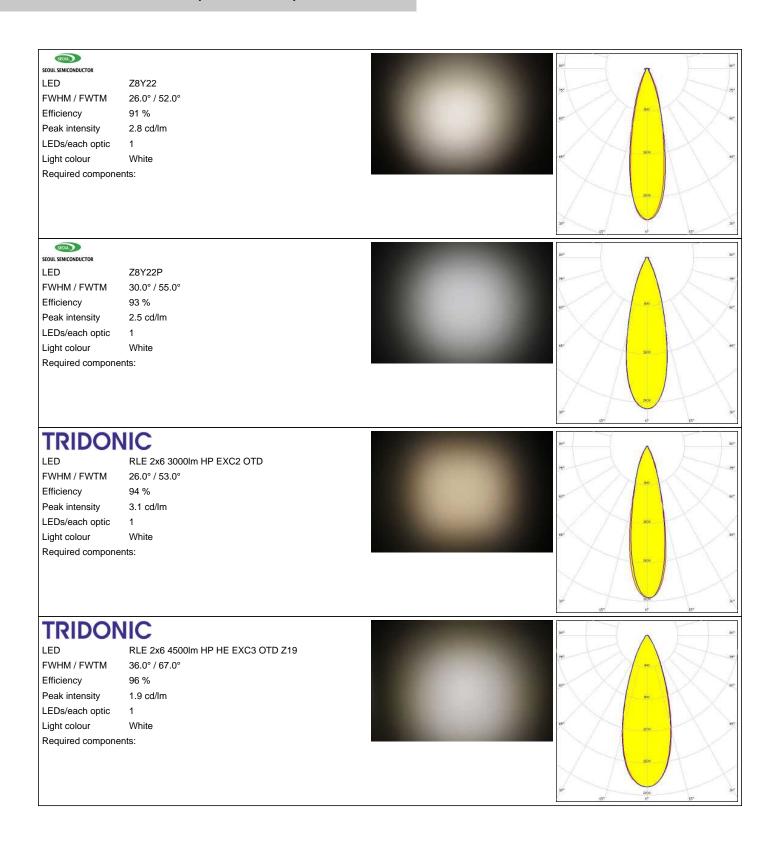














## CREE &

LED XP-E

FWHM / FWTM

28.0° / 56.0°

Efficiency

94 %

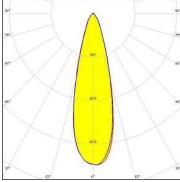
Peak intensity

2.8 cd/lm

LEDs/each optic Light colour

White

Required components:



## CREE &

LED

XP-G2 HE

FWHM / FWTM Efficiency

31.0° / 53.0°

Peak intensity

95 %

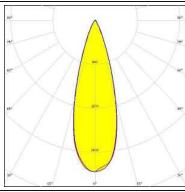
LEDs/each optic

2.8 cd/lm 1

Light colour

White

Required components:



## CREE -

LED

XP-G4

FWHM / FWTM

38.0° / 70.0°

Efficiency

96 %

Peak intensity

1.9 cd/lm

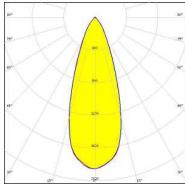
LEDs/each optic

1

Light colour

White

Required components:



## **UMILEDS**

LED Efficiency LUXEON 5050 Round LES

FWHM / FWTM

37.0° / 68.0°

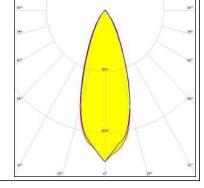
Peak intensity

93 % 2 cd/lm

LEDs/each optic Light colour

White

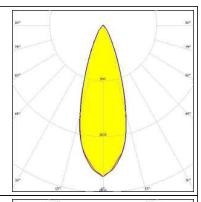
Required components:







LED NV4WB35AM
FWHM / FWTM 34.0° / 62.0°
Efficiency 95 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White

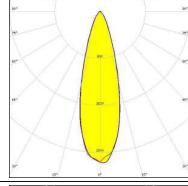


#### OSRAM

Required components:

LED PrevaLED Brick HP IP 2x6

FWHM / FWTM 30.0° / 58.0°
Efficiency 95 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



#### OSRAM Opto Semiconductors

LED OSCONIQ P 3030

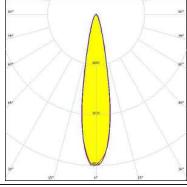
FWHM / FWTM 20.0° / 42.0°

Efficiency 96 %

Peak intensity 4.8 cd/lm

LEDs/each optic 1

Light colour White

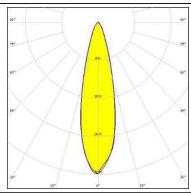


#### OSRAM Opto Semiconductors

Required components:

LED OSCONIQ P 3737 (2W version)

FWHM / FWTM 26.0° / 52.0°
Efficiency 96 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:

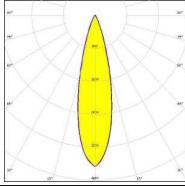




#### **OSRAM**

LED OSCONIQ P 3737 (3W version)

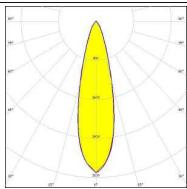
FWHM / FWTM 26.0° / 48.0° Efficiency 94 % Peak intensity 3.7 cd/lm LEDs/each optic Light colour White Required components:



### **OSRAM**

LED OSCONIQ P 3737 Flat

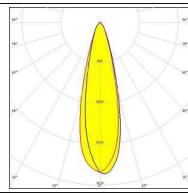
FWHM / FWTM 27.0° / 54.0° Efficiency 96 % Peak intensity 3.1 cd/lm LEDs/each optic 1 White Light colour Required components:



## OSRAM Opto Semiconductors

OSLON Square CSSRM2/CSSRM3 LED

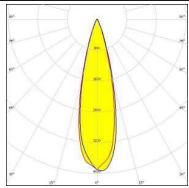
FWHM / FWTM 27.0° / 53.0° Efficiency 94 % Peak intensity 3 cd/lm LEDs/each optic Light colour White Required components:



## **PHILIPS**

Fortimo FastFlex LED 2x6 DP G4

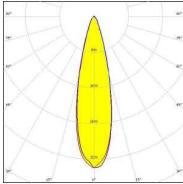
FWHM / FWTM 26.0° / 45.0° 94 % Efficiency Peak intensity 4 cd/lm LEDs/each optic White Light colour Required components:





## SAMSUNG

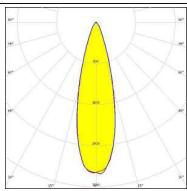
LED LH181B
FWHM / FWTM 27.0° / 50.0°
Efficiency 94 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour White



## **SAMSUNG**

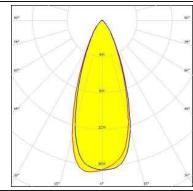
Required components:

LED LH231B
FWHM / FWTM 28.0° / 52.0°
Efficiency 95 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



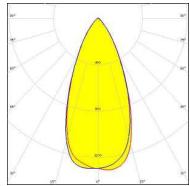
## **SAMSUNG**

LED LH351C
FWHM / FWTM 39.5° / 72.3°
Efficiency 94 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



## SAMSUNG

LED LH351D
FWHM / FWTM 46.0° / 79.9°
Efficiency 94 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:





## SAMSUNG

LED LH508B

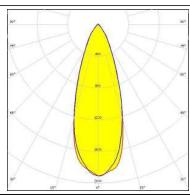
FWHM / FWTM 36.0° / 70.0°

Efficiency 94 %

Peak intensity 1.9 cd/lm

LEDs/each optic 1
Light colour White

Required components:



## SEOUL SEMICONDUCTOR

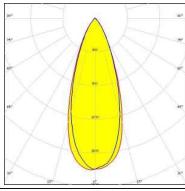
LED SEOUL DC 5050 6V

FWHM / FWTM 39.0° / 72.0° Efficiency 94 %

Peak intensity 1.8 cd/lm

LEDs/each optic 1
Light colour White

Required components:



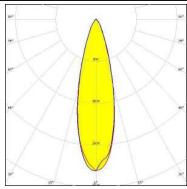
## SEOUL SEMICONDUCTOR

LED Z5M4 FWHM / FWTM 28.0° / 55.0°

Efficiency 95 %

Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour White

Light colour
Required components:



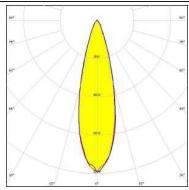
## SEOUL SEMICONDUCTOR

LED Z8Y22T FWHM / FWTM 28.0° / 51.0°

Efficiency 94 %
Peak intensity 3.2 cd/lm

LEDs/each optic 1
Light colour White

Required components:





## PRODUCT DATASHEET CS14891\_HB-IP-2X6-M

#### **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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