

### 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 1



### **MATERIALS:**

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

### **ORDERING INFORMATION:**

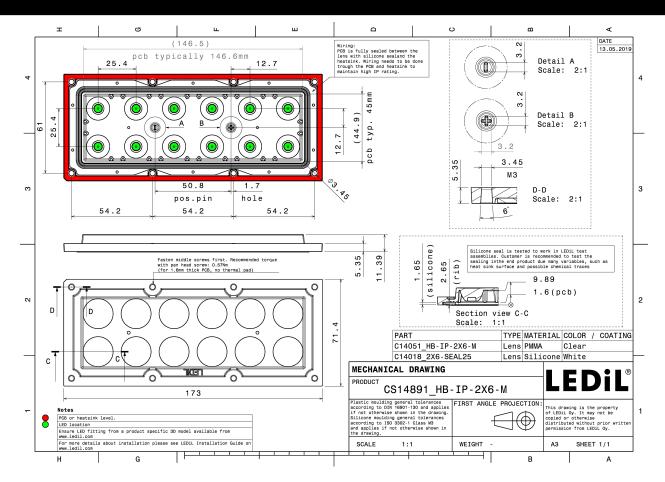
» Box size: 476 x 273 x 247 mm

 Component
 Qty in box
 MOQ
 MPQ
 Box weight (kg)

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

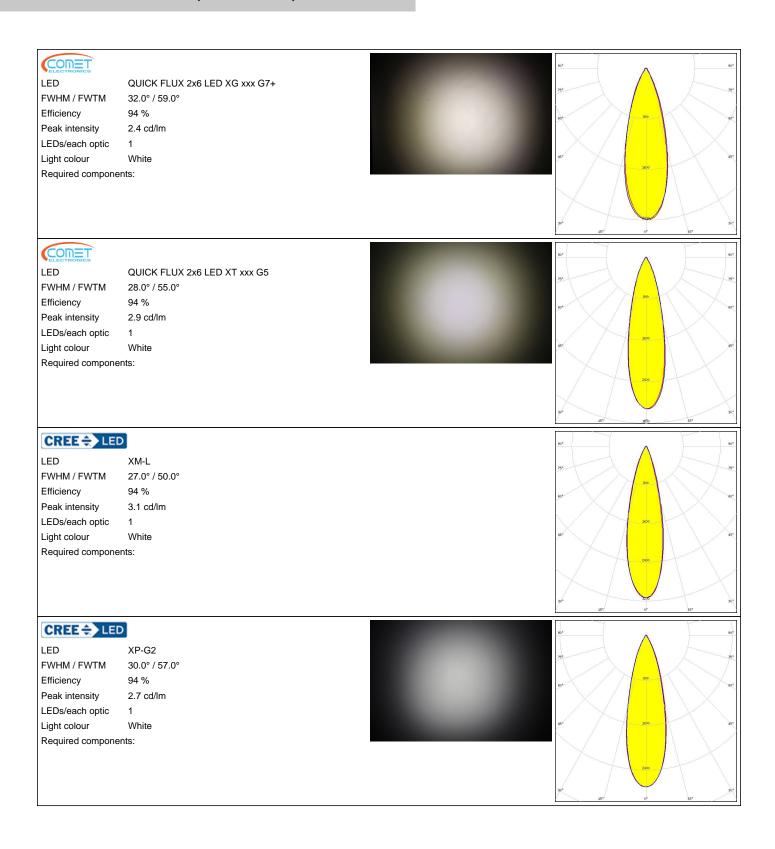


## PRODUCT DATASHEET CS14891\_HB-IP-2X6-M

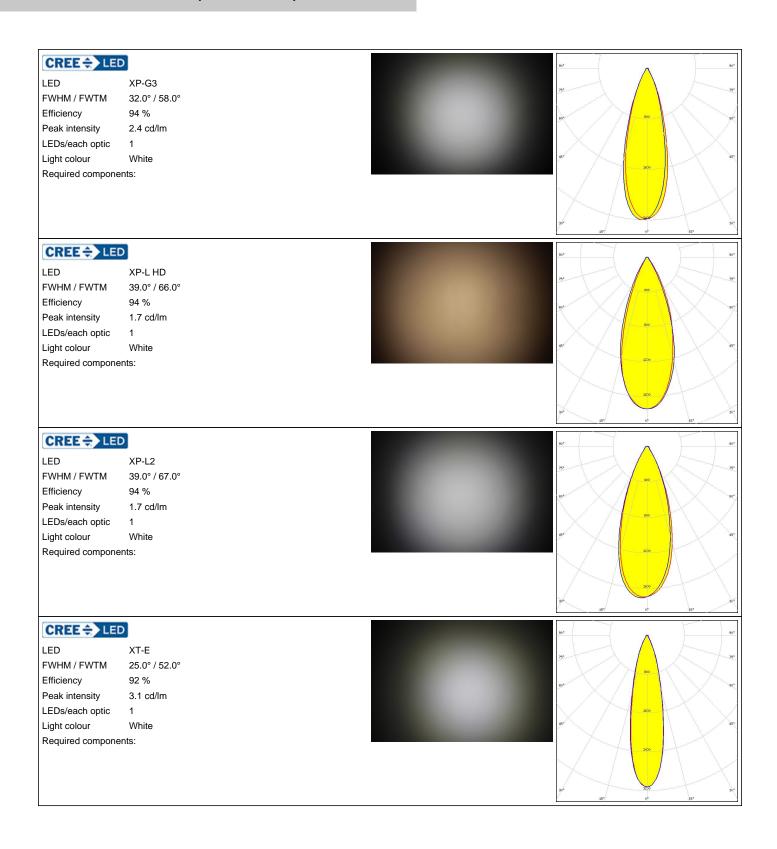


See also our general installation guide: <a href="www.ledil.com/installation\_guide">www.ledil.com/installation\_guide</a>

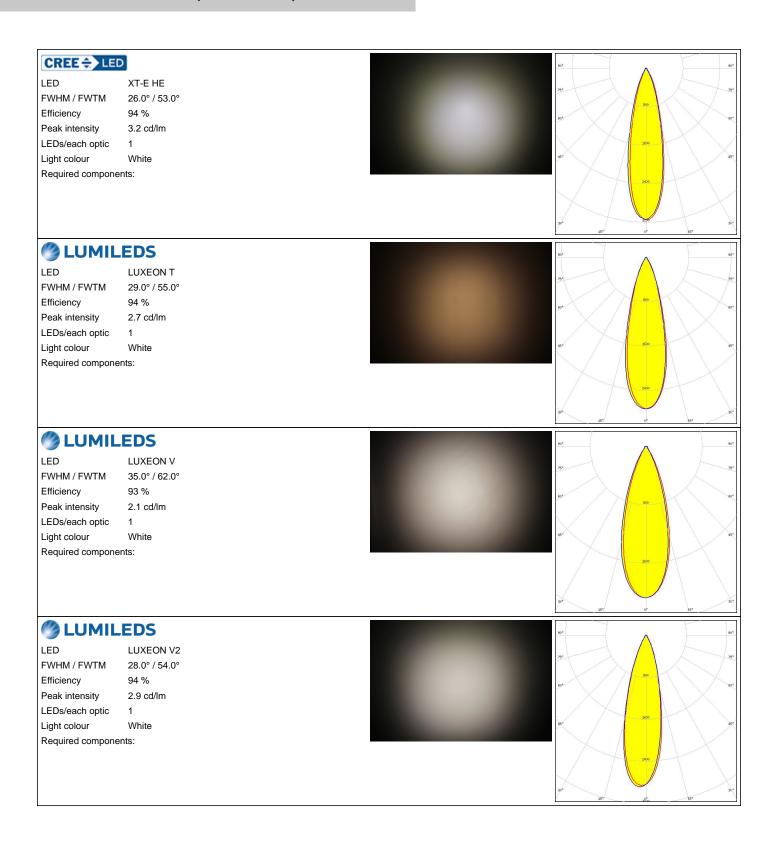




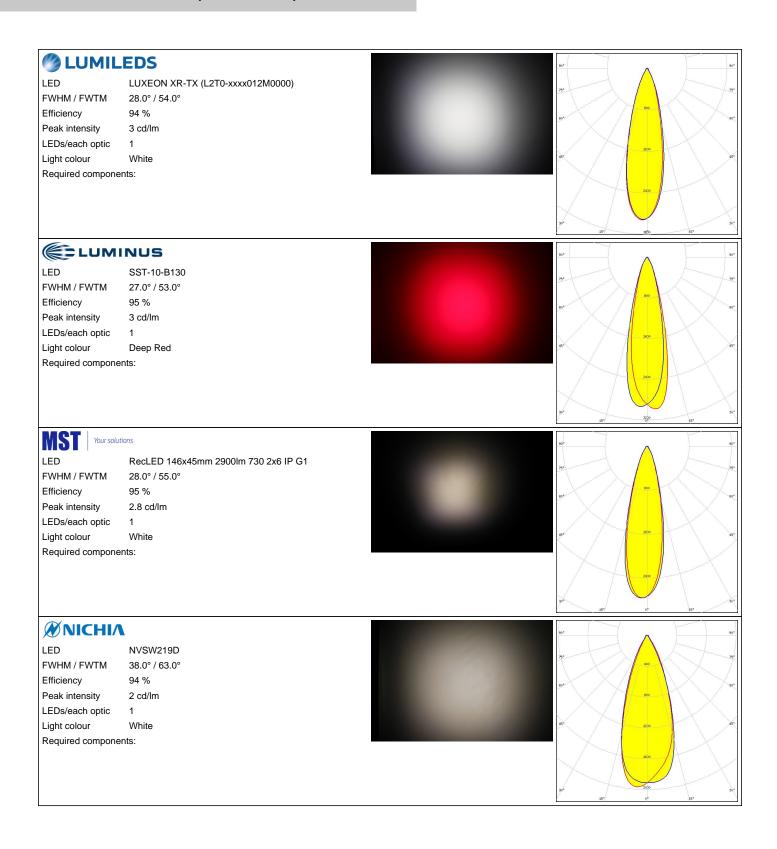




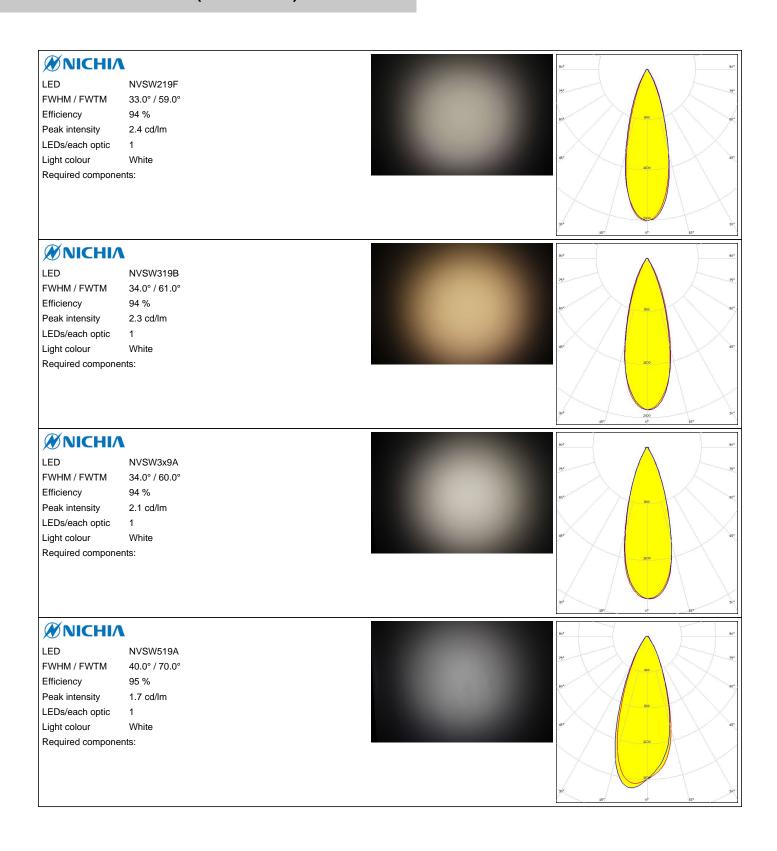




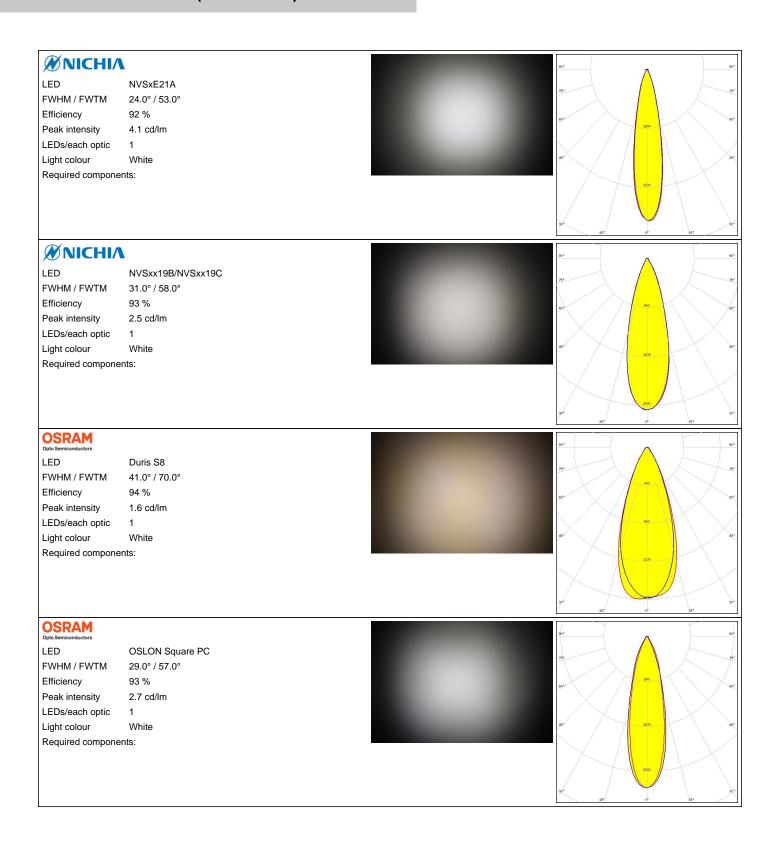










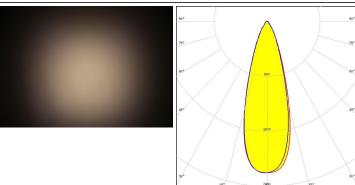




### **PHILIPS**

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

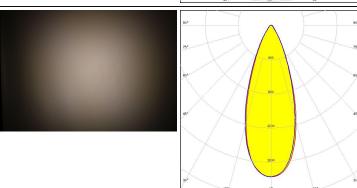


### PHILIPS

Required components:

LED Fortimo FastFlex LED 2x6 DP HE

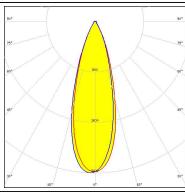
FWHM / FWTM 38.0° / 68.0°
Efficiency 97 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



### 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:

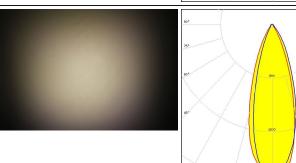


## **SAMSUNG**

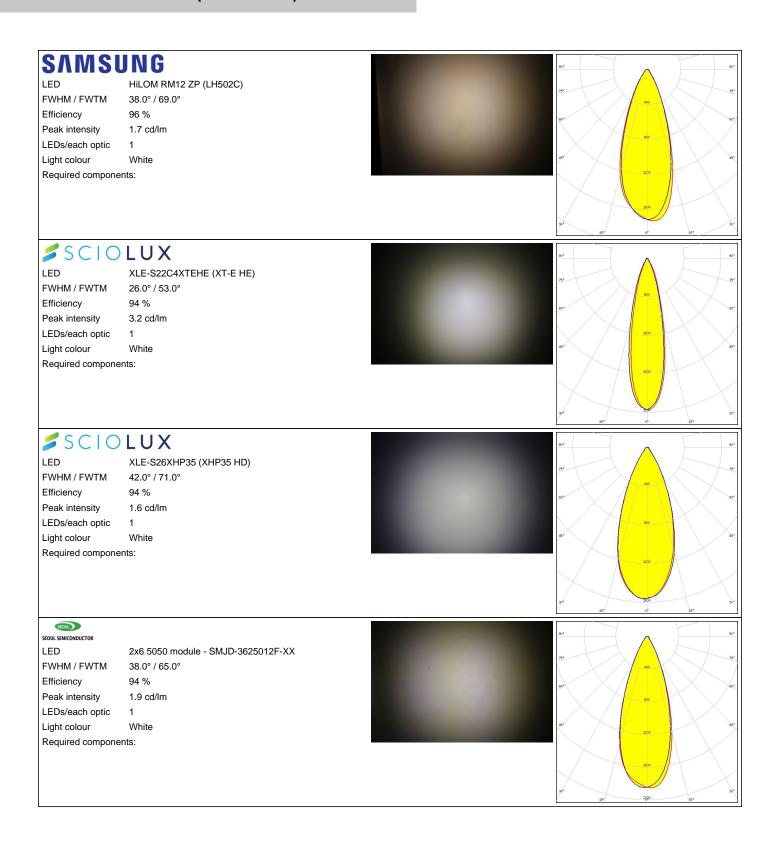
LED HILOM RH12 (LH351C)

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

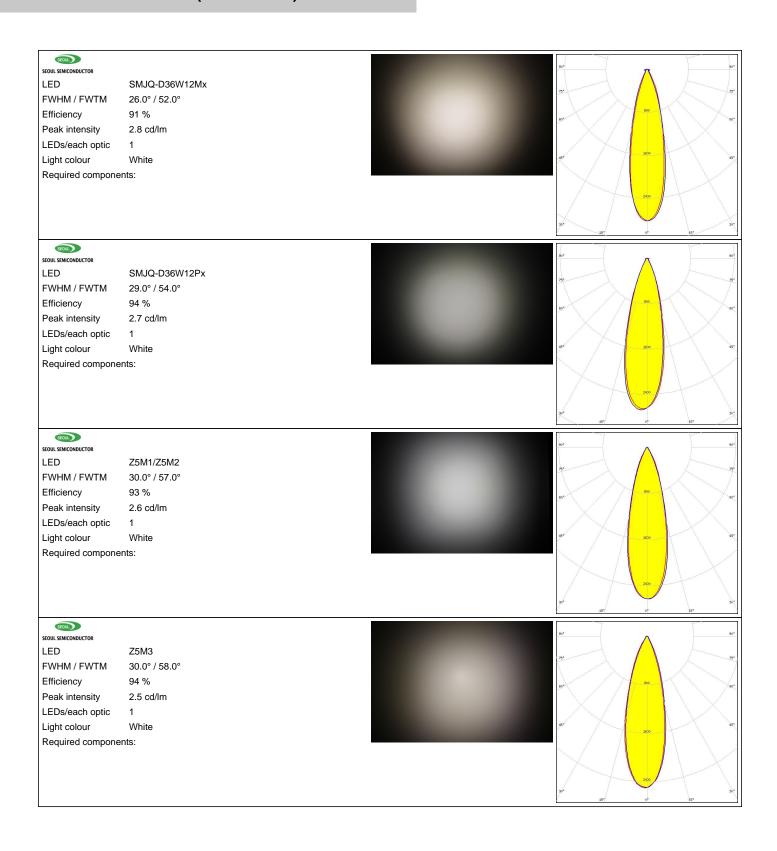
Required components:



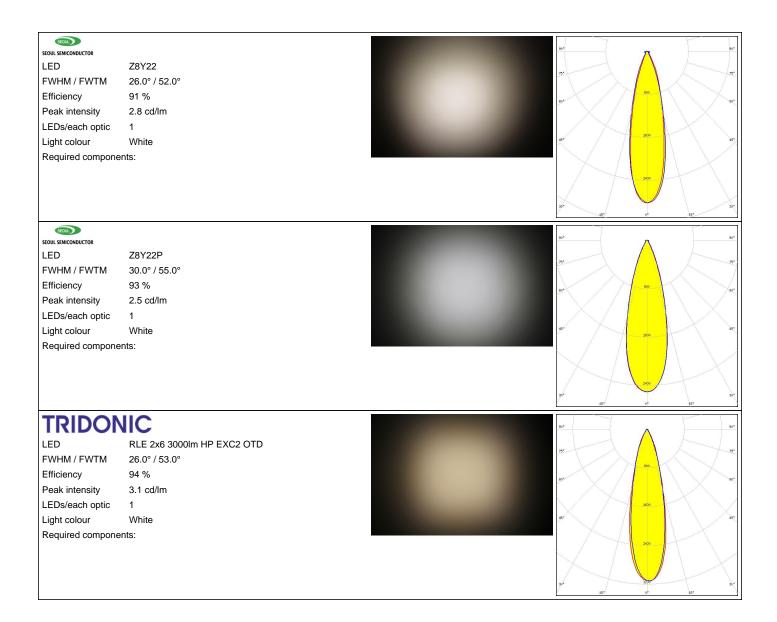
















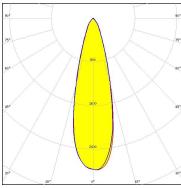
LED XP-E

FWHM / FWTM 28.0° / 56.0°

Efficiency 94 %

Peak intensity 2.8 cd/lm LEDs/each optic 1

Light colour White Required components:



### CREE - LED

LED XP-G2 HE

FWHM / FWTM 31.0° / 53.0°

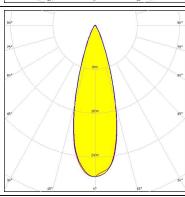
Efficiency 95 %

Peak intensity 2.8 cd/lm

LEDs/each optic 1

Light colour White

Required components:



### LUMILEDS

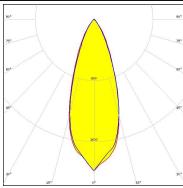
LED LUXEON 5050 Round LES

FWHM / FWTM 37.0° / 68.0°

Efficiency 93 %
Peak intensity 2 cd/lm

LEDs/each optic 1
Light colour White

Required components:



### **WNICHIA**

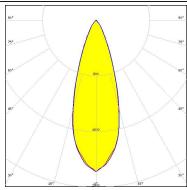
LED NV4WB35AM

FWHM / FWTM 34.0° / 62.0°

Efficiency 95 %
Peak intensity 2.2 cd/lm

LEDs/each optic 1

Light colour White Required components:

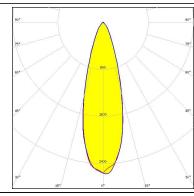




LED PrevaLED Brick HP IP 2x6

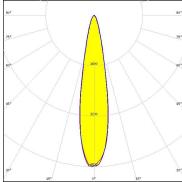
 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 30.0° / 58.0° Efficiency 95 % Peak intensity 2.6 cd/lm LEDs/each optic Light colour White

Required components:



#### **OSRAM**

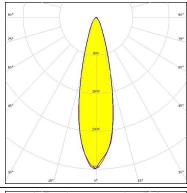
LED OSCONIQ P 3030 FWHM / FWTM 20.0° / 42.0° Efficiency 96 % Peak intensity 4.8 cd/lm LEDs/each optic 1 White Light colour Required components:



## OSRAM Opto Semiconductor

LED OSCONIQ P 3737 (2W version)

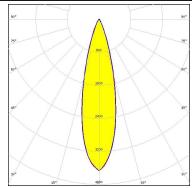
FWHM / FWTM 26.0° / 52.0° Efficiency 96 % Peak intensity 3.2 cd/lm LEDs/each optic 1 Light colour White Required components:



#### **OSRAM**

LED OSCONIQ P 3737 (3W version)

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

91

#### **OSRAM**

Required components:

Opto Semiconductor

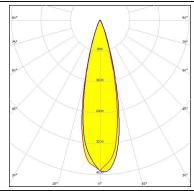
LED OSLON Square CSSRM2/CSSRM3

FWHM / FWTM 27.0° / 53.0°
Efficiency 94 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour White
Required components:

### PHILIPS

LED Fortimo FastFlex LED 2x6 DP G4

FWHM / FWTM 26.0° / 45.0°
Efficiency 94 %
Peak intensity 4 cd/lm
LEDs/each optic 1
Light colour White
Required components:

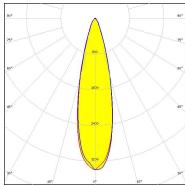


## **SAMSUNG**

LED LH181B FWHM / FWTM 27.0° / 50.0°

Efficiency 94 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour White

Required components:





## **SAMSUNG**

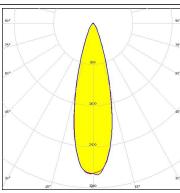
LED LH231B FWHM / FWTM 28.0° / 52.0°

Efficiency 95 %
Peak intensity 3 cd/lm

Peak intensity 3 cd/lm LEDs/each optic 1

Light colour White

Required components:



## **SAMSUNG**

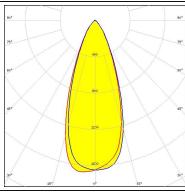
LED LH351C

FWHM / FWTM 39.5° / 72.3° Efficiency 94 %

Peak intensity 1.7 cd/lm

LEDs/each optic 1
Light colour White

Light colour
Required components:



## **SAMSUNG**

LED LH351D

FWHM / FWTM 46.0° / 79.9°

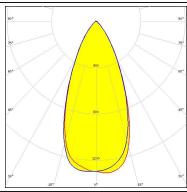
Efficiency 94 %

Peak intensity 1.3 cd/lm

LEDs/each optic 1

Light colour White

Required components:



## **SAMSUNG**

LH508B

FWHM / FWTM 36.0° / 70.0°

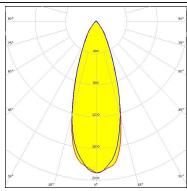
Efficiency 94 %

Peak intensity 1.9 cd/lm

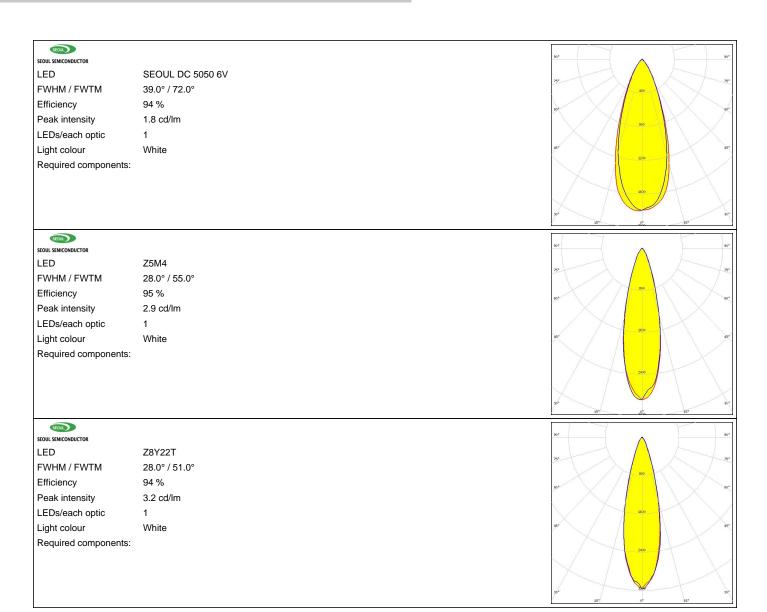
Light colour White

Required components:

LEDs/each optic









## 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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