

HB-IP-2X6-RS

~20° spot 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-RSMulti-lensPMMAclear2X6-SEAL25SealSiliconewhite

ORDERING INFORMATION:

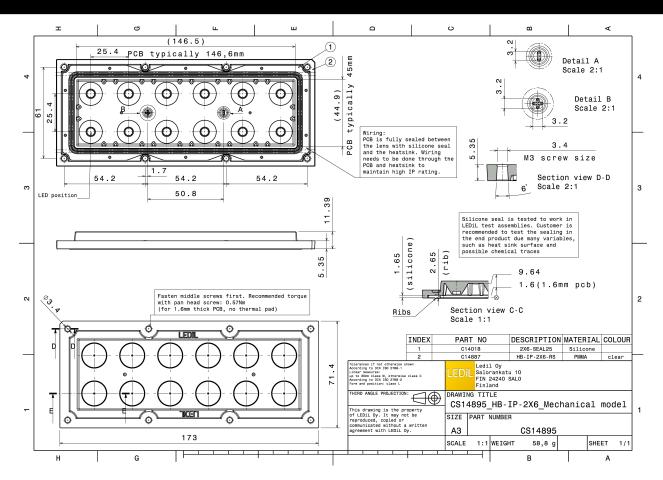
» Box size: 476 x 273 x 247 mm

 Component
 Qty in box
 MOQ
 MPQ
 Box weight (kg)

 CS14895_HB-IP-2X6-RS
 Multi-lens
 120
 40
 40
 8.0

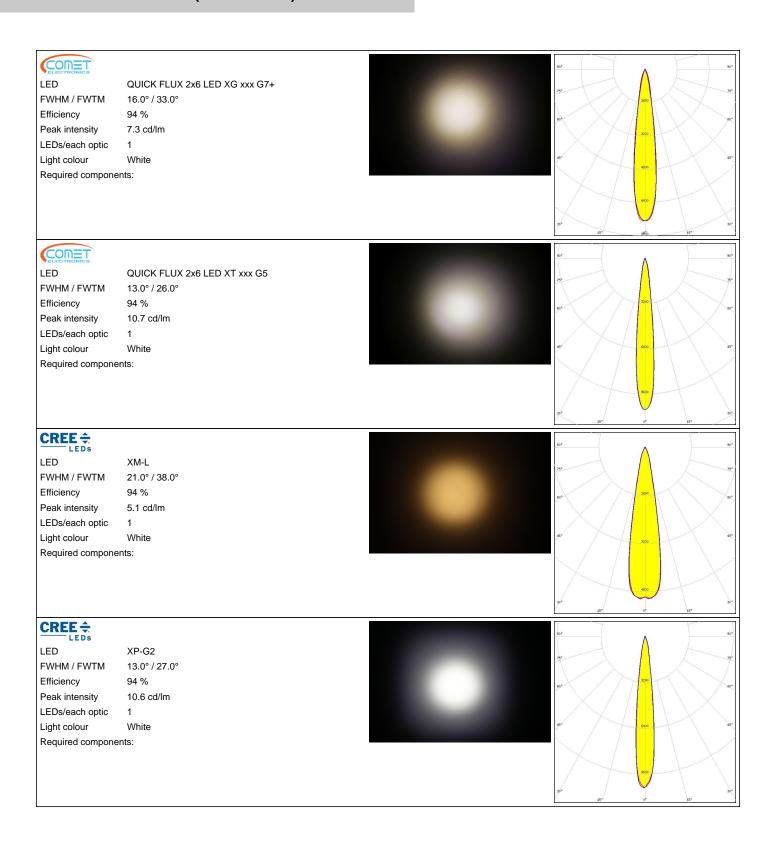


PRODUCT DATASHEET CS14895_HB-IP-2X6-RS

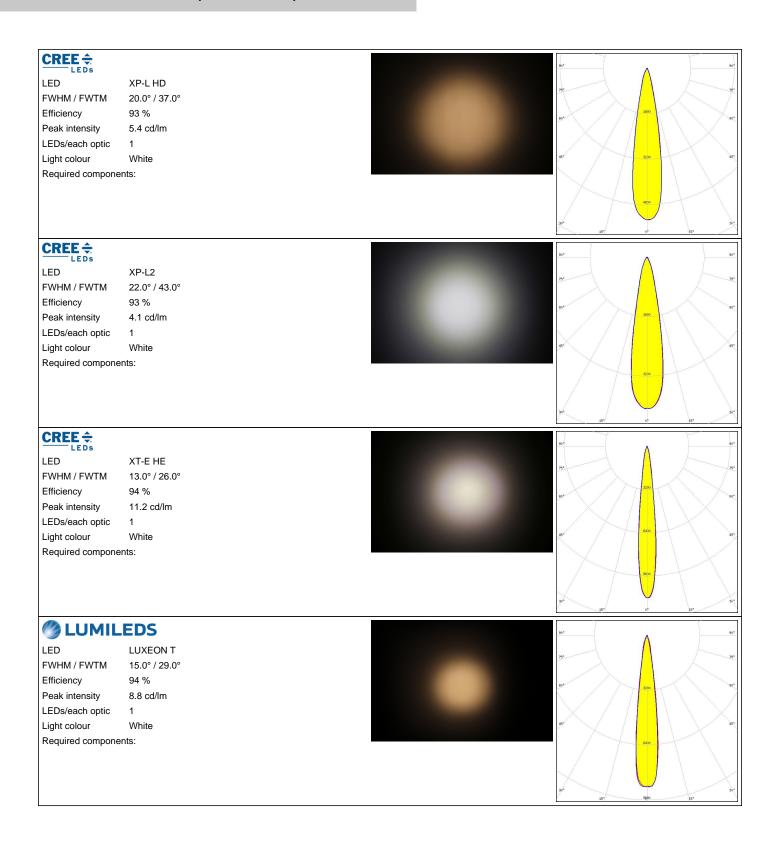


See also our general installation guide: www.ledil.com/installation_guide

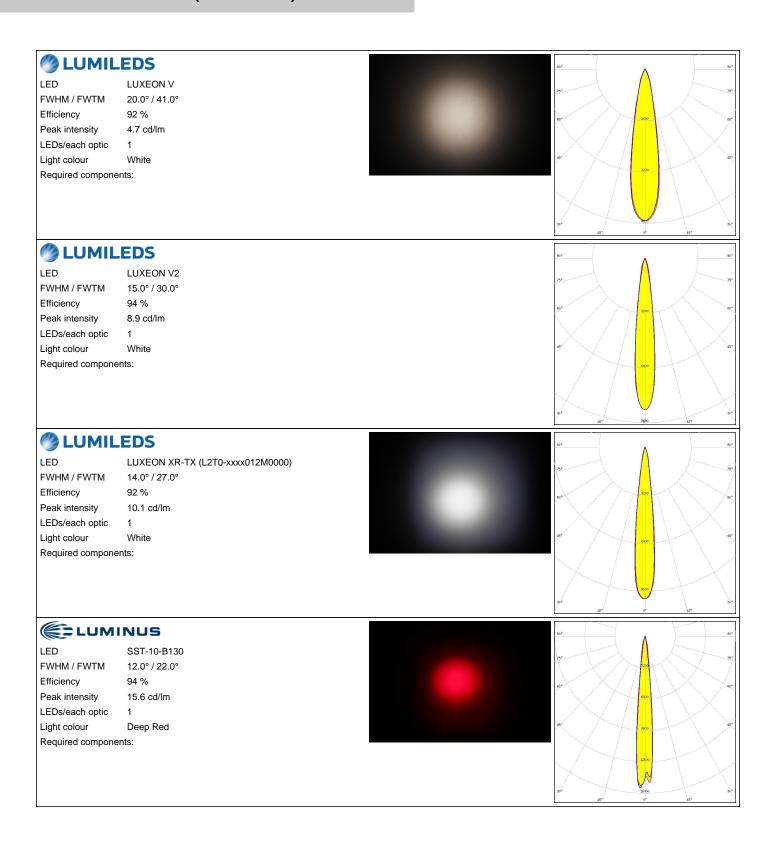




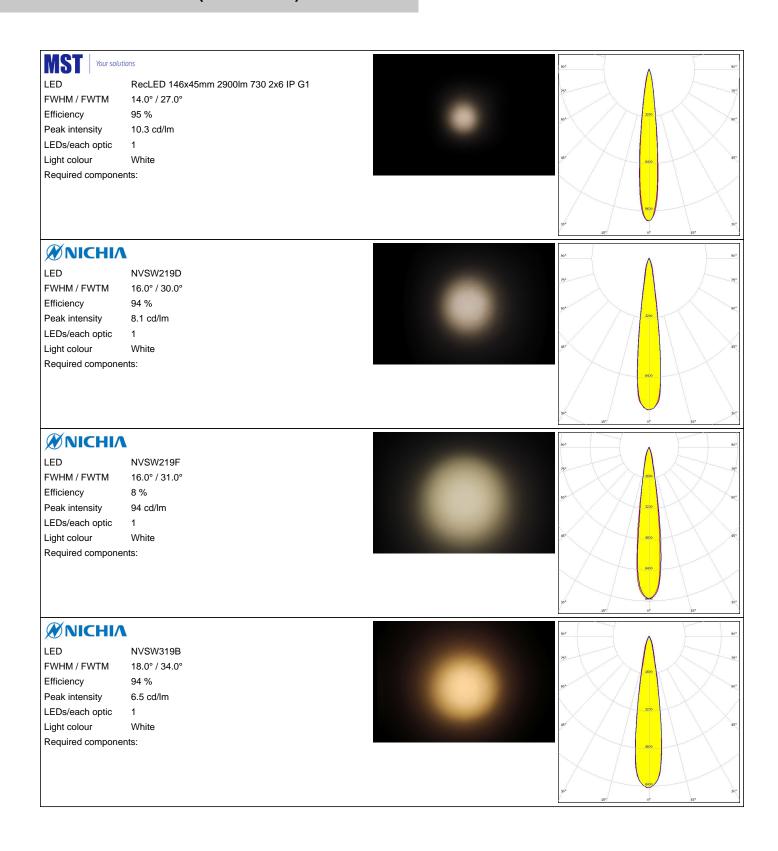




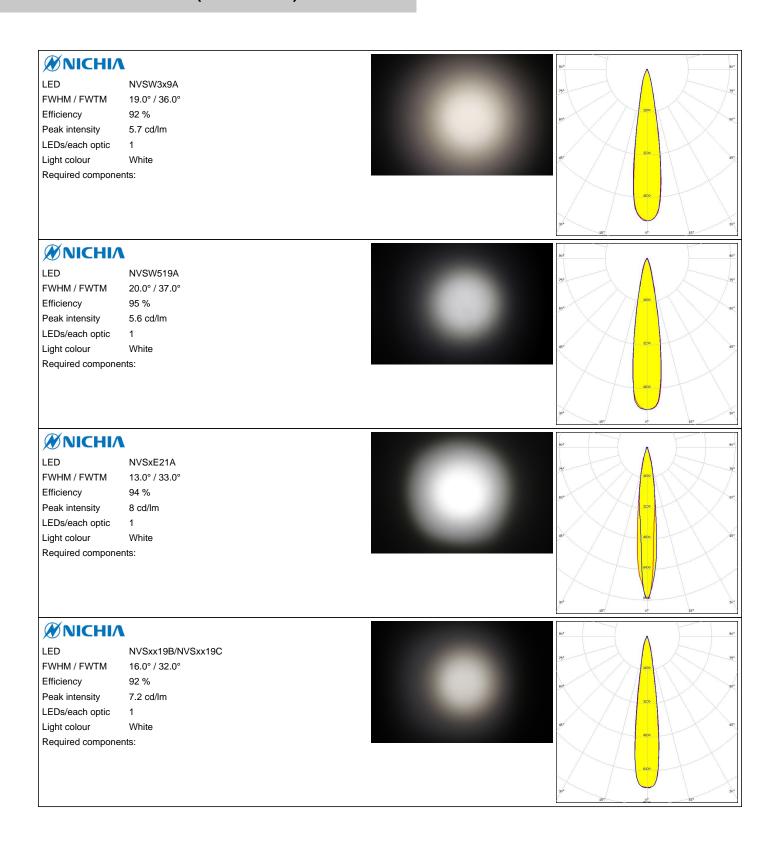










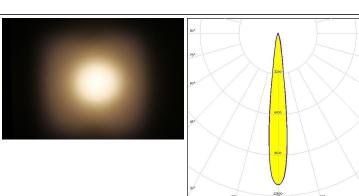




OSRAM

LED OSLON Square CSSRM2/CSSRM3

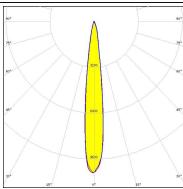
FWHM / FWTM 13.0° / 24.0°
Efficiency 94 %
Peak intensity 12 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHILIPS

LED Fortimo FastFlex LED 2x6 DP G4

FWHM / FWTM 13.0° / 27.0°
Efficiency 94 %
Peak intensity 10.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:

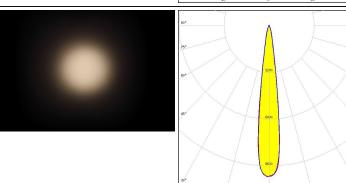


PHILIPS

Required components:

LED Fortimo FastFlex LED 2x6 DP G5

FWHM / FWTM 14.0° / 26.0°
Efficiency 96 %
Peak intensity 10.4 cd/lm
LEDs/each optic 1
Light colour White



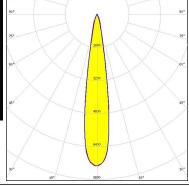
SAMSUNG

LED HILOM RH12 (LH351C)

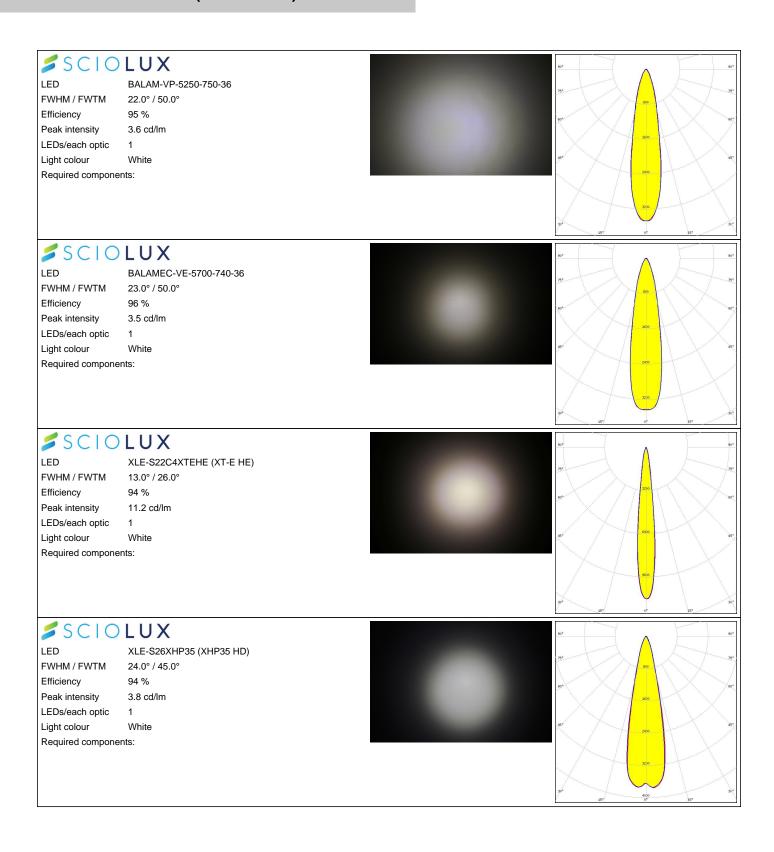
FWHM / FWTM 17.0° / 31.0°
Efficiency 94 %
Peak intensity 7.4 cd/lm
LEDs/each optic 1
Light colour White

Required components:

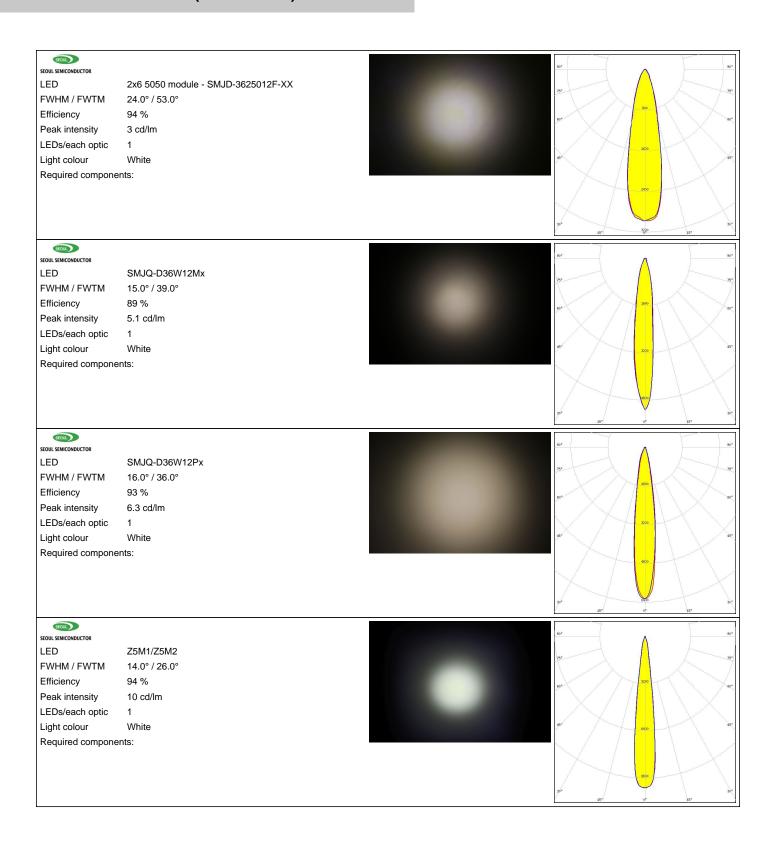




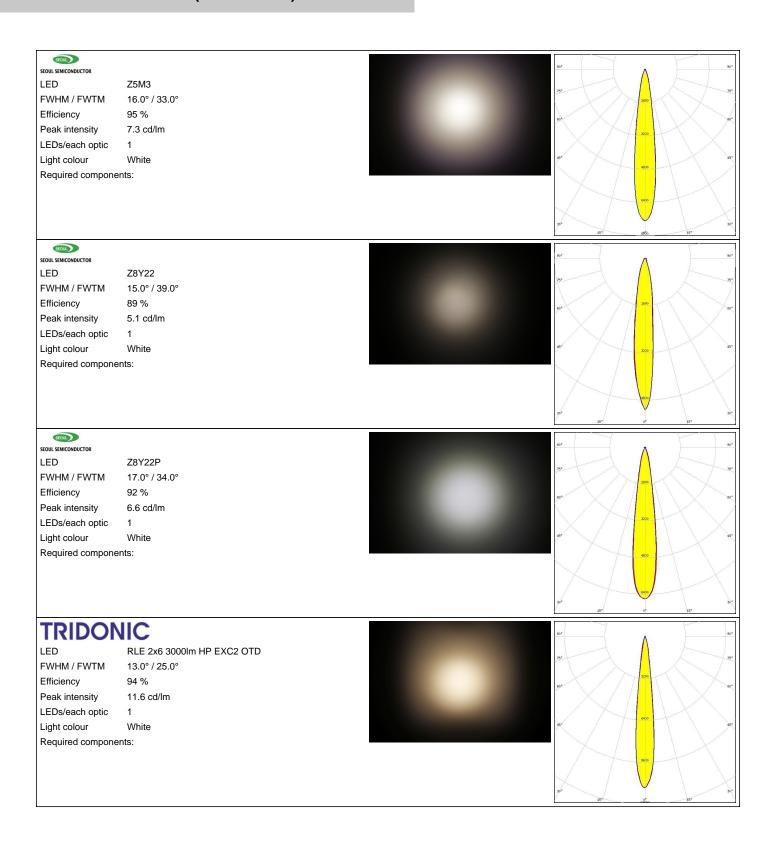










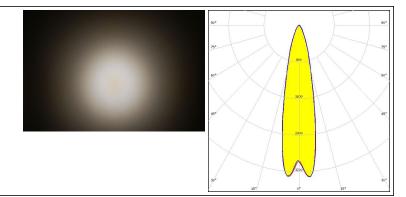




TRIDONIC

RLE 2x6 4500lm HP HE EXC3 OTD Z19

FWHM / FWTM 24.0° / 50.0° Efficiency 96 % Peak intensity 3.4 cd/lm LEDs/each optic 1 White Light colour Required components:



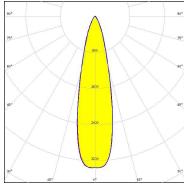




LED

J Series 5050 Round LES

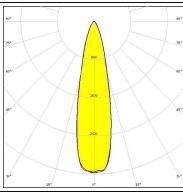
FWHM / FWTM 25.0° / 51.0°
Efficiency 94 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE &

LED J Series 5050B 6V K Class

FWHM / FWTM 24.0° / 52.0°
Efficiency 94 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:

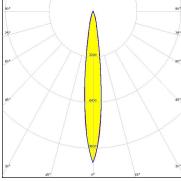


CREE -

LED XB-H FWHM / FWTM 12.0° / 28.0°

Efficiency 92 %
Peak intensity 10.6 cd/lm

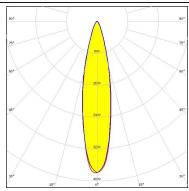
LEDs/each optic 1
Light colour White
Required components:



CREE \$

LED XHP35 HD
FWHM / FWTM 22.0° / 46.0°
Efficiency 93 %
Peak intensity 3.8 cd/lm
LEDs/each optic 1

Light colour White Required components:





CREE &

LED XHP35 HI

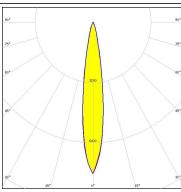
FWHM / FWTM 16.0° / 32.0° Efficiency 93 %

Peak intensity 8.1 cd/lm

LEDs/each optic 1

Light colour White

Required components:



CREE \$

LED XHP35.2 HD

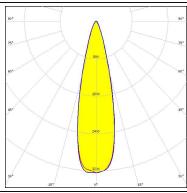
FWHM / FWTM 26.0° / 48.0°

Efficiency 92 %

Peak intensity 3.3 cd/lm

LEDs/each optic 1
Light colour White

Required components:



CREE +

LED XP-E2

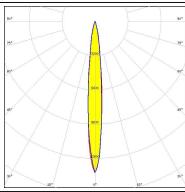
FWHM / FWTM 11.0° / 26.0°

Efficiency 91 %
Peak intensity 14.1 cd/lm

LEDs/each optic 1

Light colour White

Required components:



CREE -

LED XP-G2 HE

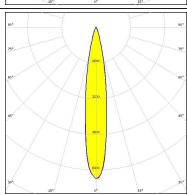
FWHM / FWTM 17.0° / 35.0°

Efficiency 93 %

Peak intensity 6.9 cd/lm LEDs/each optic 1

Light colour White

Required components:





CREE &

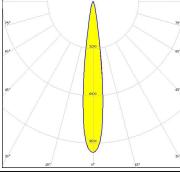
LED XP-G4

FWHM / FWTM 14.0° / 26.0° Efficiency 93 %

Peak intensity 10.3 cd/lm LEDs/each optic 1

Light colour White

Required components:



CREE &

LED XQ-E HD

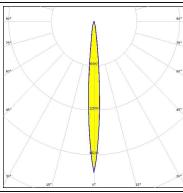
FWHM / FWTM 8.0° / 19.0° Efficiency 92 %

Peak intensity 21.8 cd/lm

LEDs/each optic 1

Light colour White

Required components:



LUMILEDS

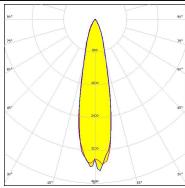
LED LUXEON 5050 Round LES

 $FWHM / FWTM \qquad \qquad 23.0^{\circ} / 50.0^{\circ}$

Efficiency 91 %
Peak intensity 3.7 cd/lm

LEDs/each optic 1
Light colour White

Required components:



DESCRIPTION LUMILEDS

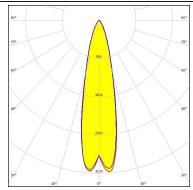
LED LUXEON 5050 Square LES

White

FWHM / FWTM 25.0° / 52.0°
Efficiency 94 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1

Required components:

Light colour







 LED
 LUXEON C

 FWHM / FWTM
 10.0° / 23.0°

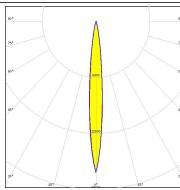
 Efficiency
 91 %

Peak intensity 17.3 cd/lm LEDs/each optic 1

Cyan

Required components:

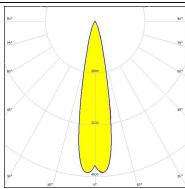
Light colour



WNICHIA

LED NV4WB35AM
FWHM / FWTM 22.0° / 40.0°
Efficiency 94 %
Peak intensity 4.8 cd/lm
LEDs/each optic 1

Light colour
Required components:



OSRAM

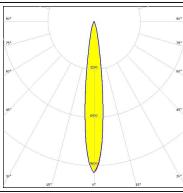
LED PrevaLED Brick HP IP 2x6

White

FWHM / FWTM 14.0° / 28.0°
Efficiency 92 %
Peak intensity 10.1 cd/lm

LEDs/each optic 1
Light colour White

Required components:



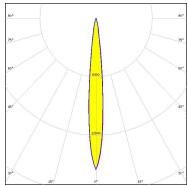
OSRAM

LED OSCONIQ C 2424
FWHM / FWTM 11.0° / 22.0°
Efficiency 93 %

White

Peak intensity 16.6 cd/lm LEDs/each optic 1

Light colour
Required components:





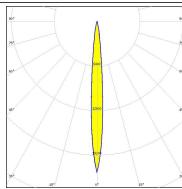
OSRAM

LED OSCONIQ P 3030

FWHM / FWTM 9.0° / 20.0° Efficiency 94 % Peak intensity 21.8 cd/lm

LEDs/each optic Light colour White

Required components:

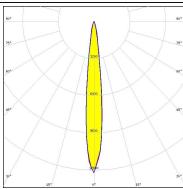


OSRAM

LED OSCONIQ P 3737 (2W version)

FWHM / FWTM 12.0° / 25.0° Efficiency 89 % Peak intensity 13 cd/lm LEDs/each optic 1 White Light colour

Required components:

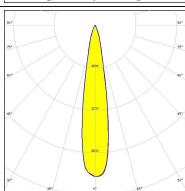


OSRAM Opto Semiconductor

LED OSCONIQ P 3737 (3W version)

FWHM / FWTM 19.0° / 37.0° Efficiency 93 % Peak intensity 6.1 cd/lm LEDs/each optic 1 Light colour White

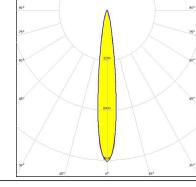
Required components:



OSRAM

LED OSCONIQ P 3737 Flat

FWHM / FWTM 14.0° / 30.0° 94 % Efficiency Peak intensity 9.7 cd/lm LEDs/each optic White Light colour Required components:



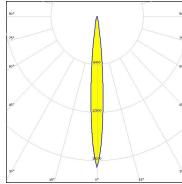


OSRAM

LED OSLON Square CSSRM2/CSSRM3

FWHM / FWTM 10.0° / 20.0°
Efficiency 92 %
Peak intensity 20.2 cd/lm
LEDs/each optic 1
Light colour Far Red

Required components:

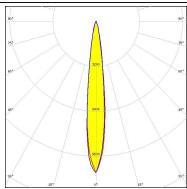


SAMSUNG

LED LH181B
FWHM / FWTM 13.0° / 28.0°
Efficiency 93 %
Peak intensity 10.8 cd/lm

LEDs/each optic 1 Light colour White

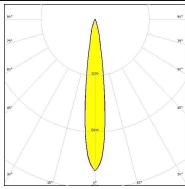
Required components:



SAMSUNG

LED LH231B
FWHM / FWTM 16.0° / 32.0°
Efficiency 93 %
Peak intensity 8.6 cd/lm
LEDs/each optic 1
Light colour White

Required components:



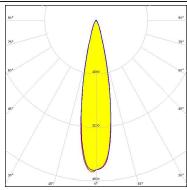
SAMSUNG

LED LH351D
FWHM / FWTM 22.0° / 40.0°
Efficiency 93 %
Peak intensity 4.6 cd/lm
LEDs/each optic 1

White

Required components:

Light colour









PRODUCT DATASHEET CS14895_HB-IP-2X6-RS

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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

LEDIL Oy

Joensuunkatu 13 FI-24240 SALO Finland

LEDiL Inc.

228 West Page Street Suite D Sycamore IL 60178 USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

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

20/20

www.ledil.com/ where_to_buy