

#### HB-IP-2X6-RS

~20° spot beam

#### **SPECIFICATION:**

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



#### **MATERIALS:**

Type Material **Finish** Component Colour Length (mm) HB-IP-2X6-RS Multi-lens **PMMA** clear 2X6-SEAL25 Seal Silicone white

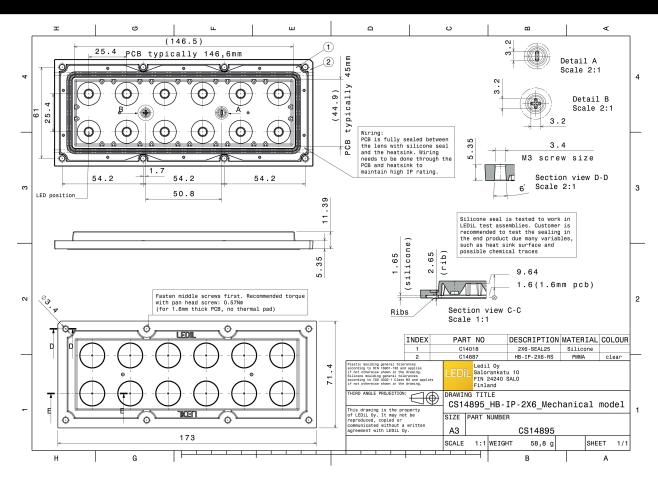
#### **ORDERING INFORMATION:**

Component Qty in box MOQ **MPQ** Box weight (kg) CS14895\_HB-IP-2X6-RS Multi-lens 120 40 40 8.0 » Box size: 476 x 273 x 247 mm

Published: 19/09/2018



# PRODUCT DATASHEET CS14895\_HB-IP-2X6-RS



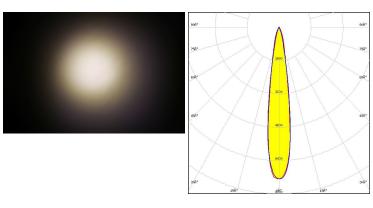
See also our general installation guide: <a href="www.ledil.com/installation\_guide">www.ledil.com/installation\_guide</a>





LED QUICK FLUX 2x6 LED XG xxx G7+

FWHM / FWTM 16.0° / 33.0°
Efficiency 94 %
Peak intensity 7.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



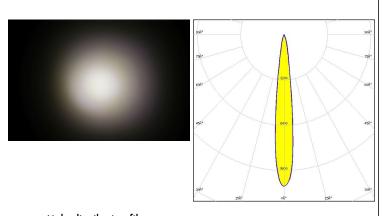
Light distribution files



LED QUICK FLUX 2x6 LED XT xxx G5

FWHM / FWTM 13.0° / 26.0° Efficiency 94 % Peak intensity 10.7 cd/lm LEDs/each optic 1

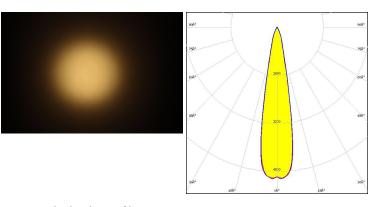
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XM-L
FWHM / FWTM 21.0° / 38.0°
Efficiency 94 %
Peak intensity 5.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



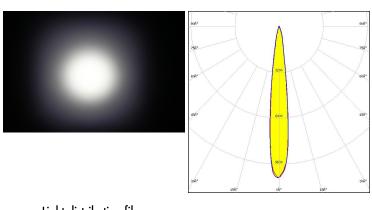
Light distribution files



# CREE \$

LED XP-G2
FWHM / FWTM 13.0° / 27.0°
Efficiency 94 %
Peak intensity 10.6 cd/lm
LEDs/each optic 1
Light colour/type White

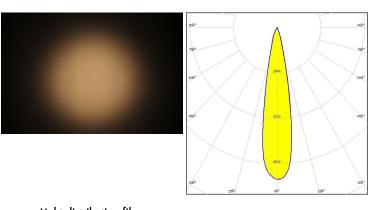
Required components:



Light distribution files

# CREE \$

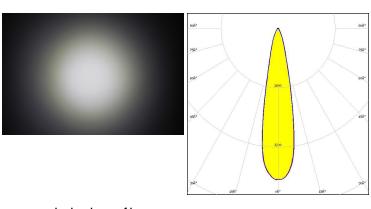
LED XP-L HD
FWHM / FWTM 20.0° / 37.0°
Efficiency 93 %
Peak intensity 5.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

# CREE -

LED XP-L2
FWHM / FWTM 22.0° / 43.0°
Efficiency 93 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

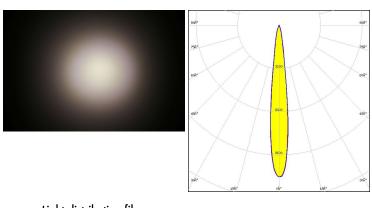


Light distribution files



# CREE \$

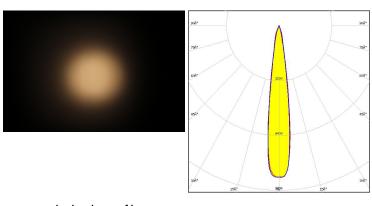
LED XT-E HE
FWHM / FWTM 13.0° / 26.0°
Efficiency 94 %
Peak intensity 11.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

## **MUMILEDS**

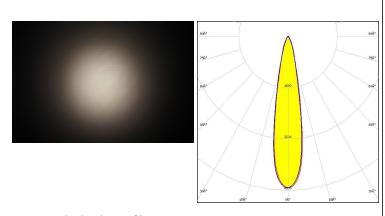
LED LUXEON T
FWHM / FWTM 15.0° / 29.0°
Efficiency 94 %
Peak intensity 8.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

## **MILEDS**

LED LUXEON V
FWHM / FWTM 20.0° / 41.0°
Efficiency 92 %
Peak intensity 4.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

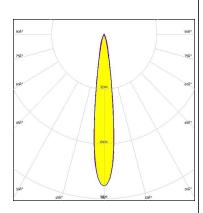


Light distribution files





LUXEON V2 15.0° / 30.0° FWHM / FWTM Efficiency 94 % Peak intensity 8.9 cd/lm LEDs/each optic Light colour/type White Required components:



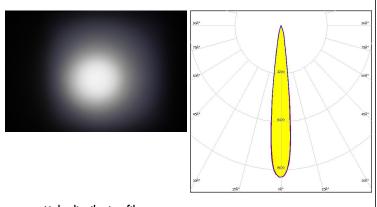
Light distribution files



LUXEON XR-TX (L2T0-xxxx012M0000)

FWHM / FWTM 14.0° / 27.0° Efficiency 92 % Peak intensity 10.1 cd/lm

LEDs/each optic Light colour/type White Required components:



Light distribution files

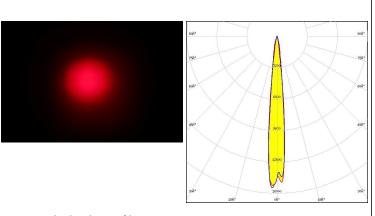


LED SST-10-B130 FWHM / FWTM 12.0° / 22.0° Efficiency 94 % Peak intensity 15.6 cd/lm

LEDs/each optic

Light colour/type Deep Red

Required components:



Light distribution files

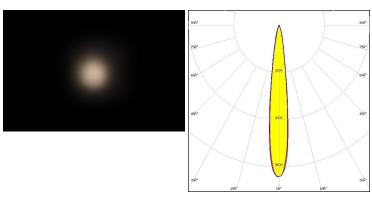




Required components:

LED RecLED 146x45mm 2900lm 730 2x6 IP G1

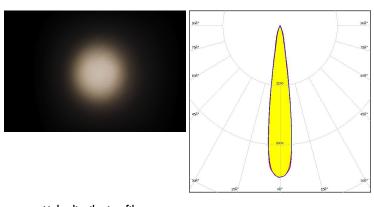
FWHM / FWTM 14.0° / 27.0°
Efficiency 95 %
Peak intensity 10.3 cd/lm
LEDs/each optic 1
Light colour/type White



Light distribution files

## **WNICHIA**

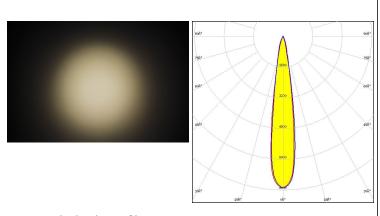
LED NVSW219D
FWHM / FWTM 16.0° / 30.0°
Efficiency 94 %
Peak intensity 8.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

## **WNICHIA**

LED NVSW219F
FWHM / FWTM 16.0° / 31.0°
Efficiency 8 %
Peak intensity 94 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



#### **WNICHIA**

 LED
 NVSW319B

 FWHM / FWTM
 18.0° / 34.0°

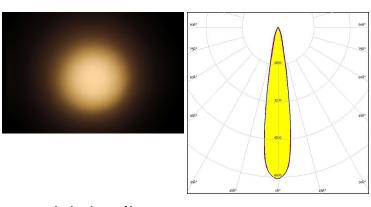
 Efficiency
 94 %

 Peak intensity
 6.5 cd/lm

 LEDs/each optic
 1

 Light colour/type
 White

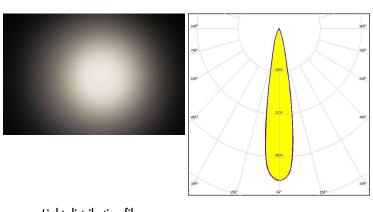
 Required components:



Light distribution files

## **WNICHIA**

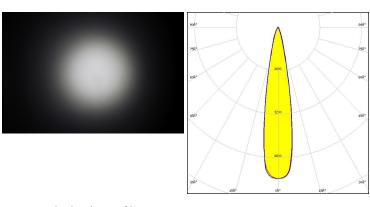
LED NVSW3x9A
FWHM / FWTM 19.0° / 36.0°
Efficiency 92 %
Peak intensity 5.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

## **WNICHIA**

LED NVSW519A
FWHM / FWTM 20.0° / 37.0°
Efficiency 95 %
Peak intensity 5.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

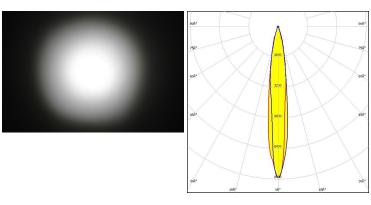


Light distribution files



#### **WNICHIA**

LED NVSxE21A
FWHM / FWTM 13.0° / 33.0°
Efficiency 94 %
Peak intensity 8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



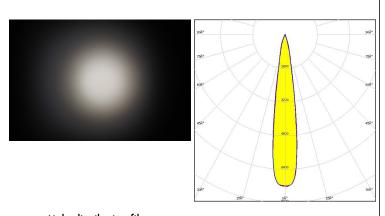
Light distribution files

## **WNICHIA**

LED NVSxx19B/NVSxx19C

FWHM / FWTM 16.0° / 32.0°
Efficiency 92 %
Peak intensity 7.2 cd/lm
LEDs/each optic 1
Light colour/type White

Light colour/type White Required components:



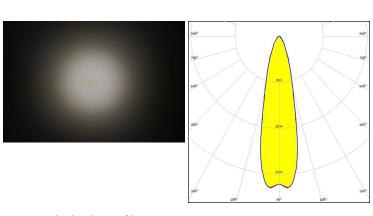
Light distribution files

#### OSRAM Onto Semiconductors

LED OSCONIQ S 5050 FWHM / FWTM 26.0° / 55.0°

Efficiency 96 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:



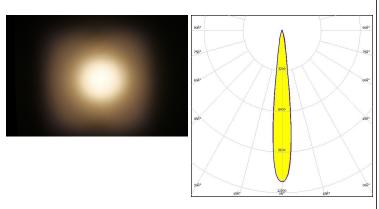
Light distribution files



#### OSRAM Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3

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



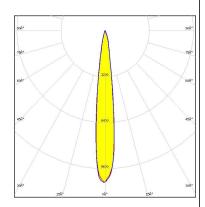
Light distribution files

## **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/type White
Required components:



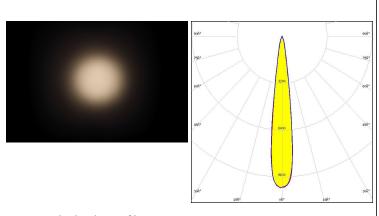
Light distribution files

## **PHILIPS**

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

LEDs/each optic 1
Light colour/type White
Required components:



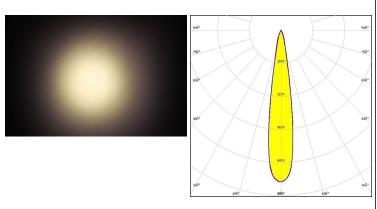
Light distribution files



## **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/type White
Required components:

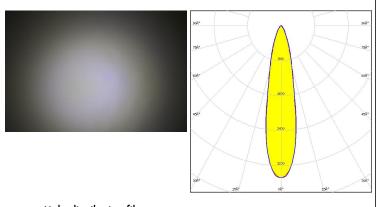


Light distribution files

## **SCIOLUX**

LED BALAM-VP-5250-750-36

FWHM / FWTM 22.0° / 50.0°
Efficiency 95 %
Peak intensity 3.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

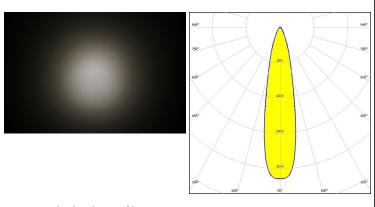


Light distribution files

# **SCIOLUX**

LED BALAMEC-VE-5700-740-36

FWHM / FWTM 23.0° / 50.0°
Efficiency 96 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

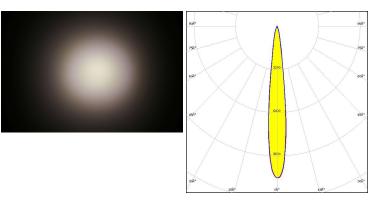


# **SCIOLUX**

LED XLE-S22C4XTEHE (XT-E HE)

FWHM / FWTM 13.0° / 26.0°
Efficiency 94 %
Peak intensity 11.2 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:



Light distribution files

## **SCIOLUX**

LED XLE-S26XHP35 (XHP35 HD)

FWHM / FWTM 24.0° / 45.0°
Efficiency 94 %
Peak intensity 3.8 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

964\*

256\*

350

454\*

350

454\*

350

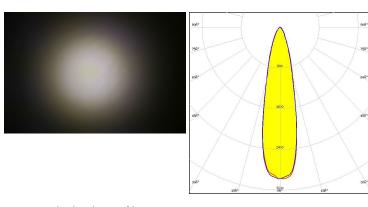
366\*

Light distribution files



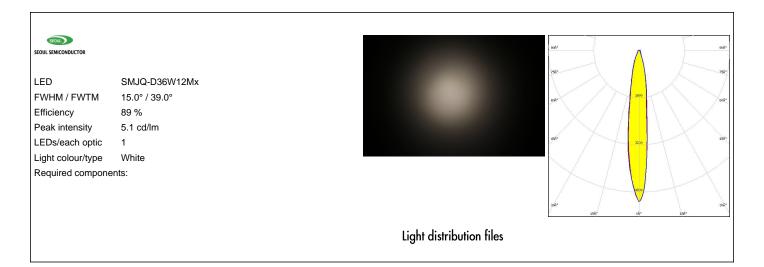
LED 2x6 5050 module - SMJD-3625012F-XX

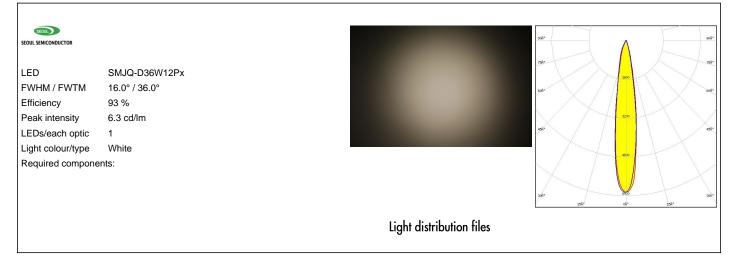
FWHM / FWTM 24.0° / 53.0°
Efficiency 94 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

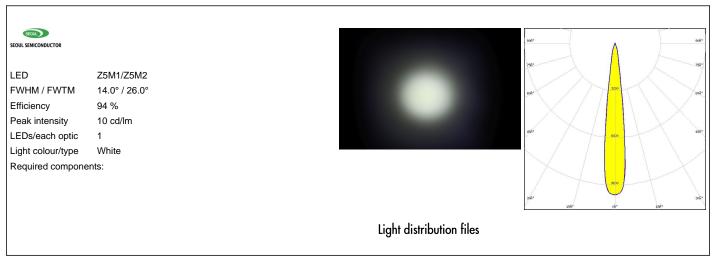


Light distribution files

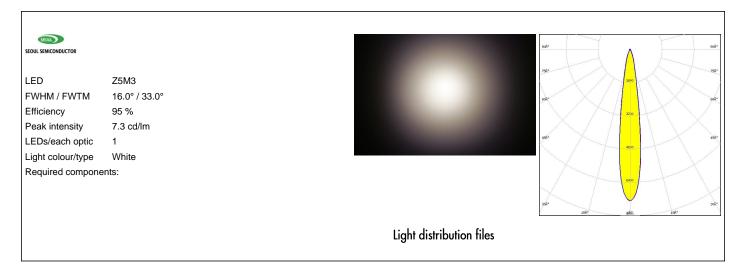


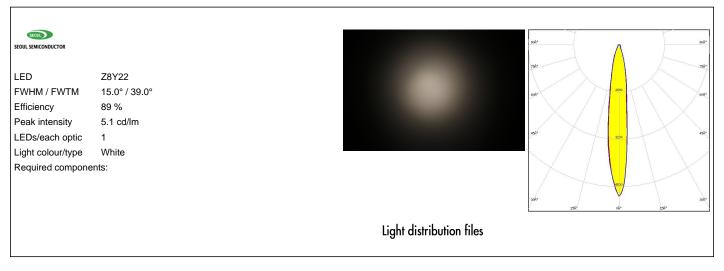


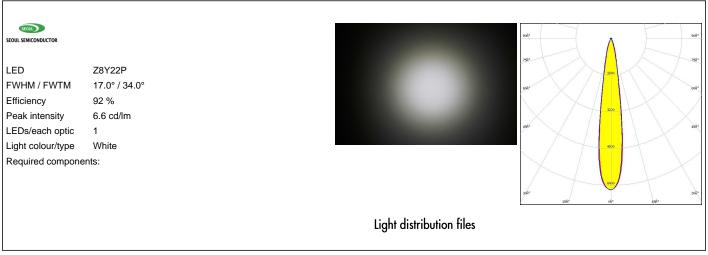












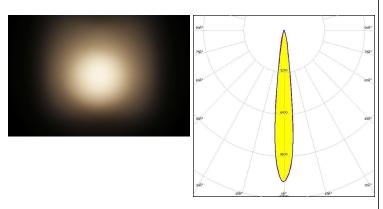


## **TRIDONIC**

LED RLE 2x6 3000lm HP EXC2 OTD

FWHM / FWTM 13.0° / 25.0°
Efficiency 94 %
Peak intensity 11.6 cd/lm

LEDs/each optic 1
Light colour/type White
Required components:

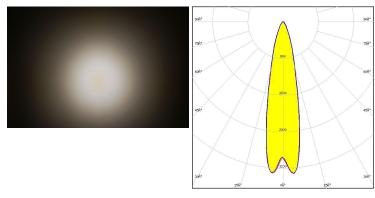


Light distribution files

## **TRIDONIC**

LED 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
Light colour/type White
Required components:



Light distribution files

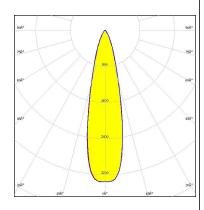




LED J Series 5050 Round LES

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

Required components:



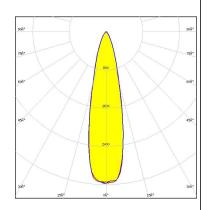
Light distribution files

# 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/type White

Required components:

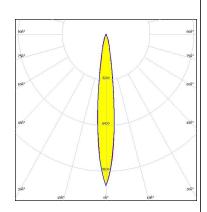


Light distribution files

# CREE -

LED XB-H
FWHM / FWTM 12.0° / 28.0°
Efficiency 92 %
Peak intensity 10.6 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:



Light distribution files



# CREE +

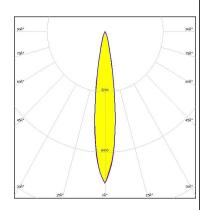
LED XHP35 HD
FWHM / FWTM 22.0° / 46.0°
Efficiency 93 %
Peak intensity 3.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files

# CREE \$

LED XHP35 HI
FWHM / FWTM 16.0° / 32.0°
Efficiency 93 %
Peak intensity 8.1 cd/lm
LEDs/each optic 1
Light colour/type White

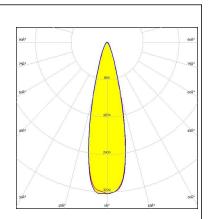
Required components:



Light distribution files

# 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/type White
Required components:



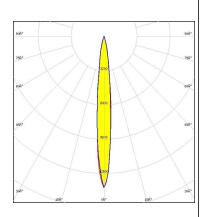
Light distribution files



# CREE \$

LED XP-E2
FWHM / FWTM 11.0° / 26.0°
Efficiency 91 %
Peak intensity 14.1 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

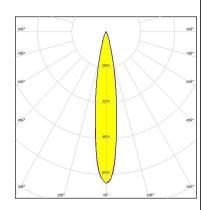


Light distribution files

# 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/type White

Required components:



Light distribution files

# CREE -

LED XP-G4
FWHM / FWTM 14.0° / 26.0°
Efficiency 93 %
Peak intensity 10.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

9-64\*

7-96\*

6-64\*

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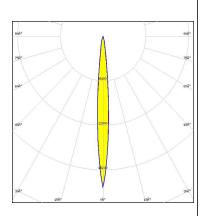
Light distribution files





LED XQ-E HD
FWHM / FWTM 8.0° / 19.0°
Efficiency 92 %
Peak intensity 21.8 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:



Light distribution files

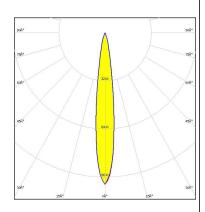
## inventronics

LED PrevaLED Brick HP IP 2x6

FWHM / FWTM 14.0° / 28.0° Efficiency 92 % Peak intensity 10.1 cd/lm LEDs/each optic 1

Light colour/type White

Required components:

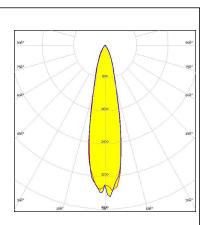


Light distribution files



LED LUXEON 5050 Round LES

FWHM / FWTM 23.0° / 50.0°
Efficiency 91 %
Peak intensity 3.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

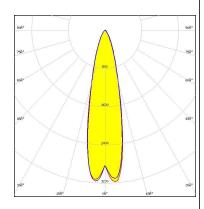




LED LUXEON 5050 Square LES

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

Required components:



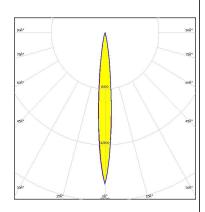
Light distribution files



LED LUXEON C
FWHM / FWTM 10.0° / 23.0°
Efficiency 91 %
Peak intensity 17.3 cd/lm

LEDs/each optic 1 Light colour/type Cyan

Required components:

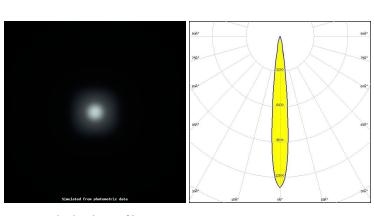


Light distribution files



LED SST-20 Gen2
FWHM / FWTM 12.0° / 24.0°
Efficiency 93 %
Peak intensity 13.8 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:



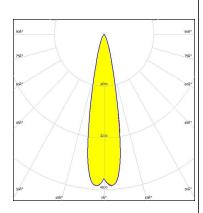
Light distribution files



#### **WNICHIA**

LFD NV4WB35AM  $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 22.0° / 40.0° Efficiency 94 % Peak intensity 4.8 cd/lm LEDs/each optic 1 Light colour/type White

Required components:



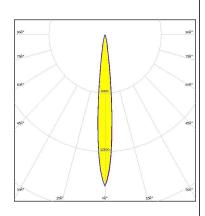
Light distribution files

# OSRAM Opto Semiconductore

OSCONIQ C 2424 LFD FWHM / FWTM 11.0° / 22.0° Efficiency 93 % Peak intensity 16.6 cd/lm LEDs/each optic

White

Light colour/type Required components:

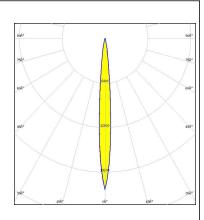


Light distribution files

#### **OSRAM**

OSCONIQ P 3030 FWHM / FWTM 9.0° / 20.0° Efficiency 94 % Peak intensity 21.8 cd/lm

LEDs/each optic Light colour/type White Required components:



Light distribution files

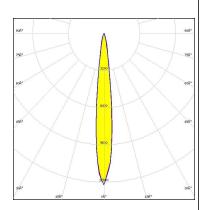


#### OSRAM Opto Semiconductors

LED OSCONIQ P 3737 (2W version)

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

Required components:



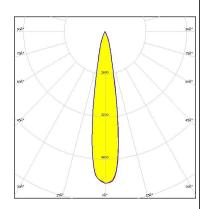
Light distribution files

#### OSRAM Opto Semiconductors

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/type White

Required components:

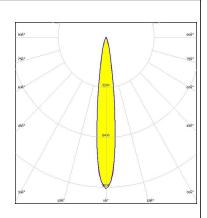


Light distribution files

#### OSRAM Onto Semiconductors

LED OSCONIQ P 3737 Flat

FWHM / FWTM 14.0° / 30.0°
Efficiency 94 %
Peak intensity 9.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

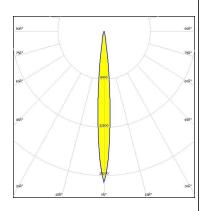


#### OSRAM Opto Semiconductore

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/type Far Red

Required components:



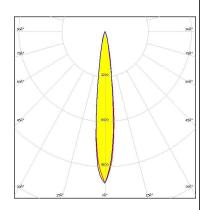
Light distribution files

## **SAMSUNG**

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

LEDs/each optic 1
Light colour/type White

Required components:

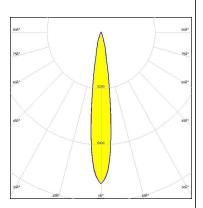


Light distribution files

## **SAMSUNG**

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

Required components:



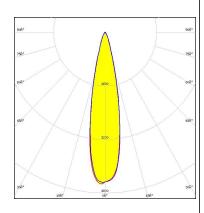
Light distribution files



# **SAMSUNG**

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

Required components:

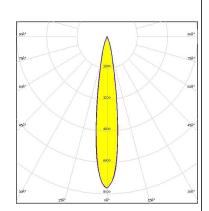


Light distribution files



LED Z5M4
FWHM / FWTM 16.0° / 34.0°
Efficiency 93 %
Peak intensity 7.7 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:



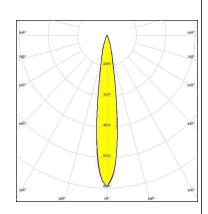
Light distribution files



LED Z8Y22T FWHM / FWTM 15.0° / 33.0°

Efficiency 93 %
Peak intensity 7.9 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:



Light distribution files



# 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.

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Published: 19/09/2018