## PRODUCT DATASHEET CS14263\_HB-IP-2X6-WWW

#### HB-IP-2X6-WWW

~100° wide beam

#### **SPECIFICATION:**

Dimensions 71.4 x 173.0 mm

Height 11.4 mm

Fastening screw

Ingress protection classes IP67

ROHS compliant yes 1



#### **MATERIALS:**

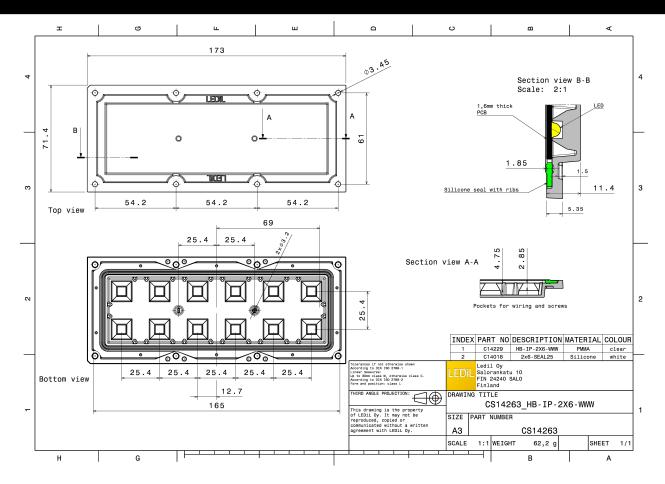
ComponentTypeMaterialColourFinishHB-IP-2X6-WWWMulti-lensPMMAclear2X6-SEAL25SealSiliconewhite

#### **ORDERING INFORMATION:**

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CS14263_HB-IP-2X6-WWW	Multi-lens	120	40	40	8.3
» Box size: 476 x 273 x 247 mm					

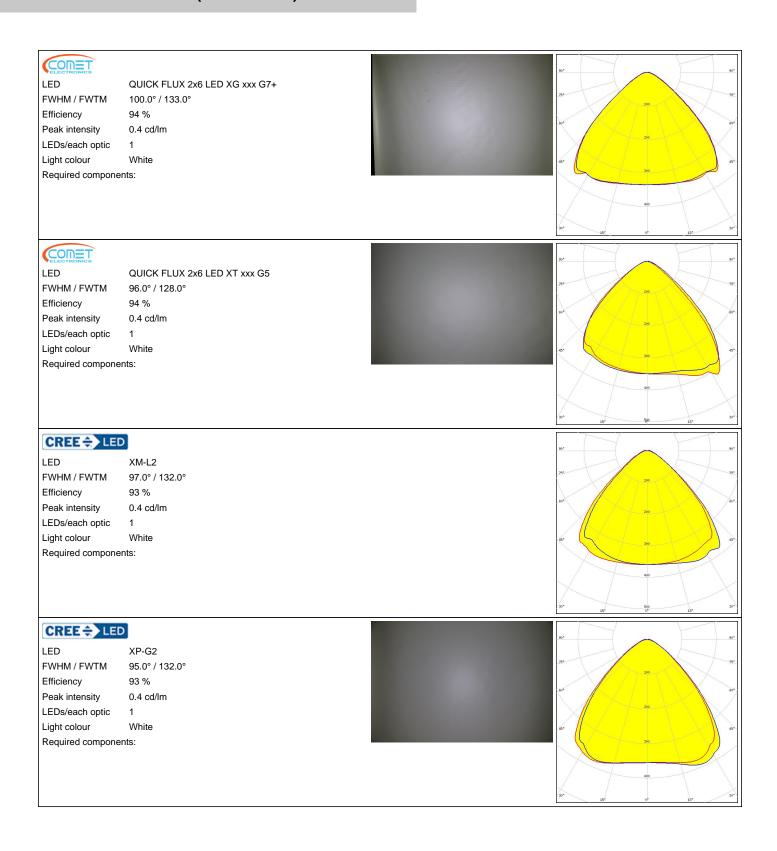


# **PRODUCT** CS14263\_HB-IP-2X6-WWW

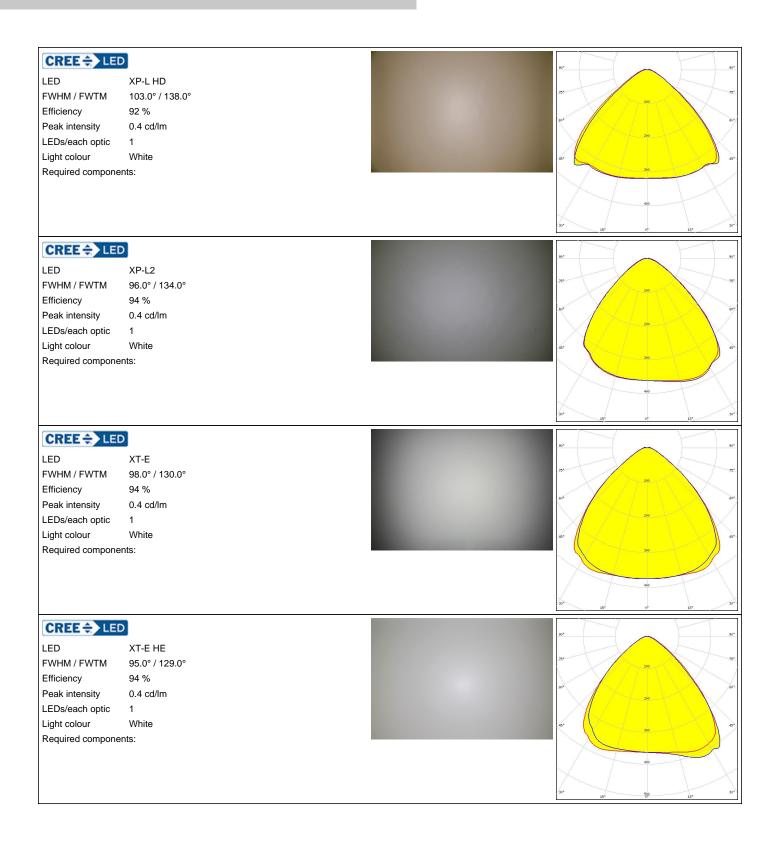


See also our general installation guide: <a href="www.ledil.com/installation\_guide">www.ledil.com/installation\_guide</a>

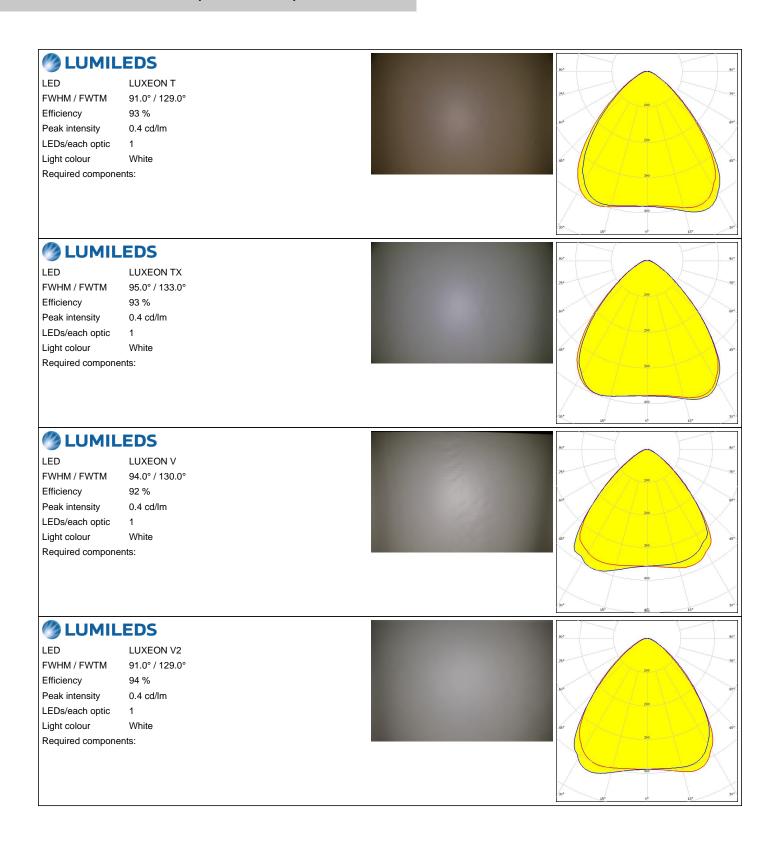




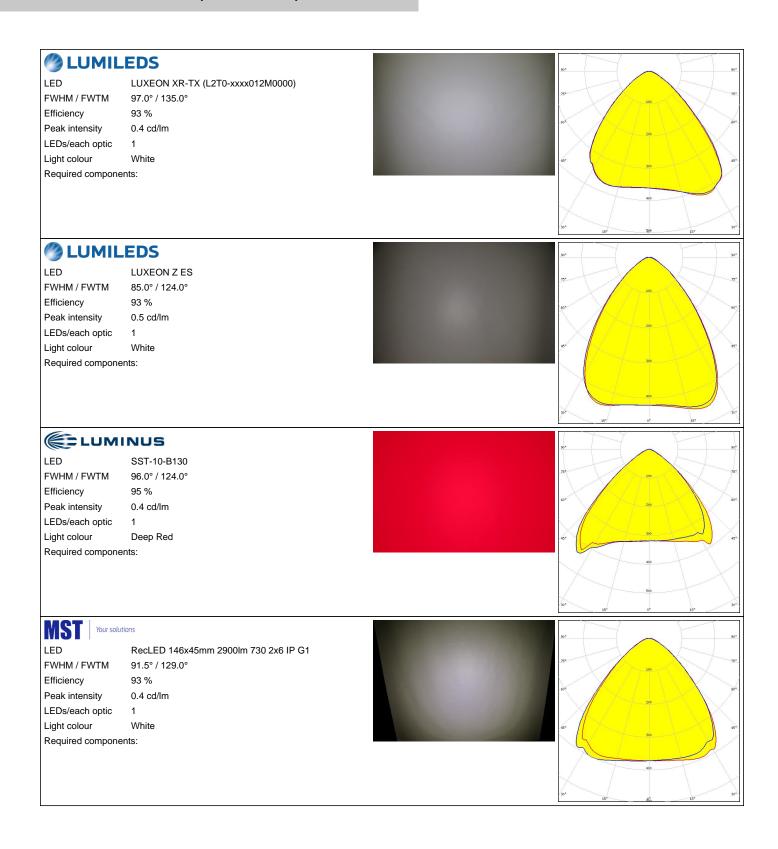




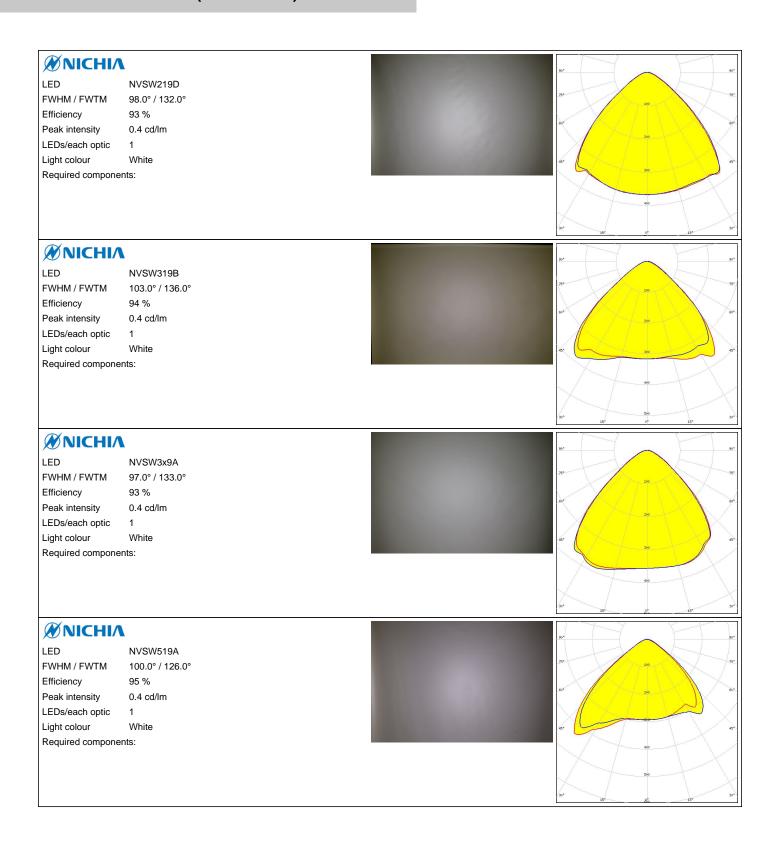




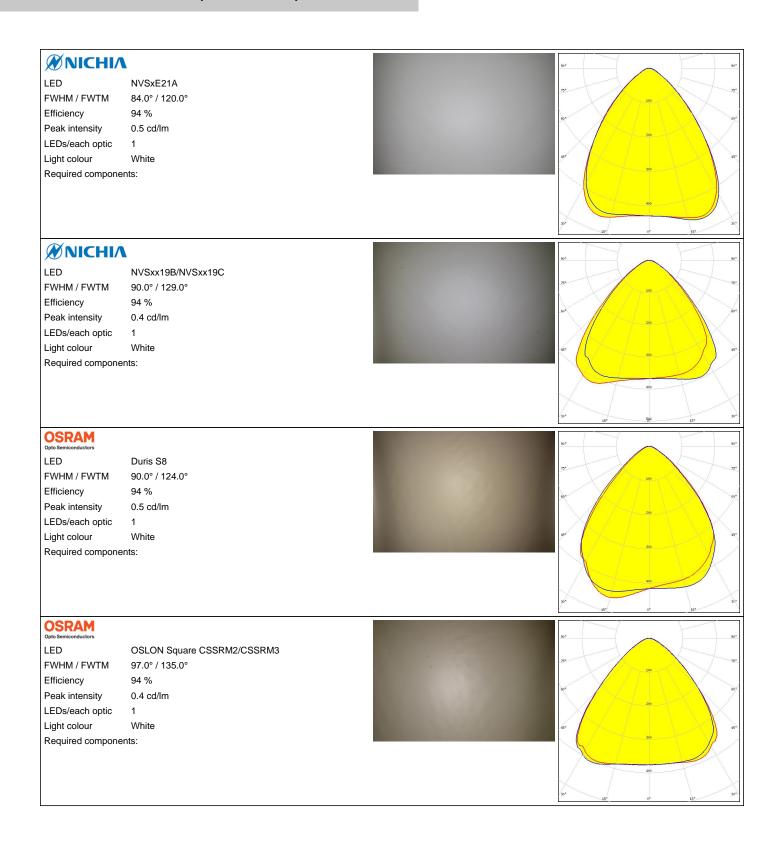
### PRODUCT DATASHEET CS14263\_HB-IP-2X6-WWW









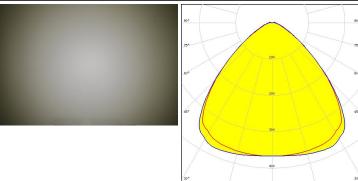


#### **OSRAM**

LED OSLON Square PC

FWHM / FWTM 95.0° / 130.0° Efficiency 92 % Peak intensity 0.4 cd/lm

LEDs/each optic Light colour White Required components:

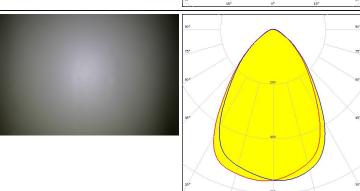


PRODUCT DATASHEET

#### **OSRAM**

LED OSLON SSL 80 FWHM / FWTM 76.0° / 123.0° Efficiency 94 % Peak intensity 0.6 cd/lm

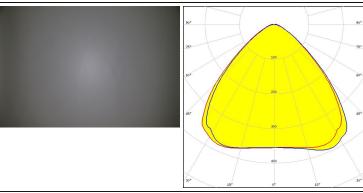
LEDs/each optic 1 White Light colour Required components:



LED Fortimo FastFlex LED 2x6 DP G4

FWHM / FWTM 95.0° / 132.0° Efficiency 93 % Peak intensity 0.4 cd/lm

LEDs/each optic Light colour White Required components:

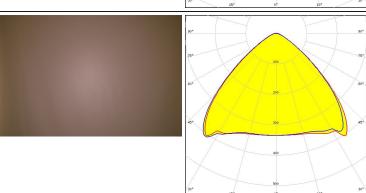


### **PHILIPS**

Fortimo FastFlex LED 2x6 DP G5

FWHM / FWTM 96.0° / 125.0° Efficiency 95 % Peak intensity 0.4 cd/lm

LEDs/each optic White Light colour Required components:



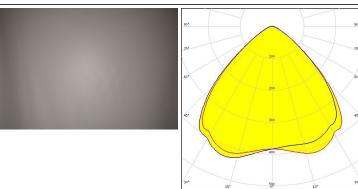
### PRODUCT DATASHEET CS14263\_HB-IP-2X6-WWW

### **OPTICAL RESULTS (MEASURED):**

### PHILIPS

LED Fortimo FastFlex LED 2x6 DP HE

FWHM / FWTM 93.0° / 122.0°
Efficiency 97 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

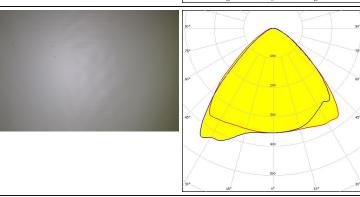


### SAMSUNG

LED HILOM RH12 (LH351C)

FWHM / FWTM 94.0° / 130.0°
Efficiency 93 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1

Light colour White Required components:

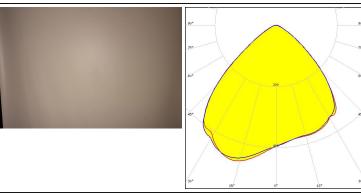


### **SAMSUNG**

LED HiLOM RM12 ZP (LH502C)

FWHM / FWTM 92.0° / 122.0°
Efficiency 96 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1

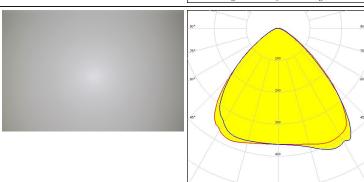
Light colour White Required components:



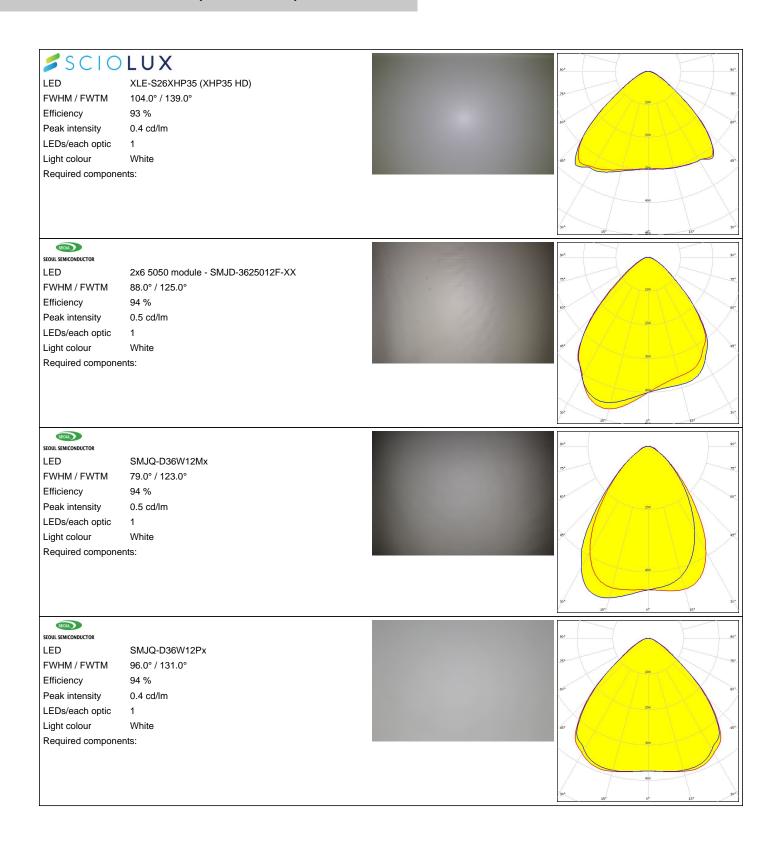
### **SCIOLUX**

LED XLE-S22C4XTEHE (XT-E HE)

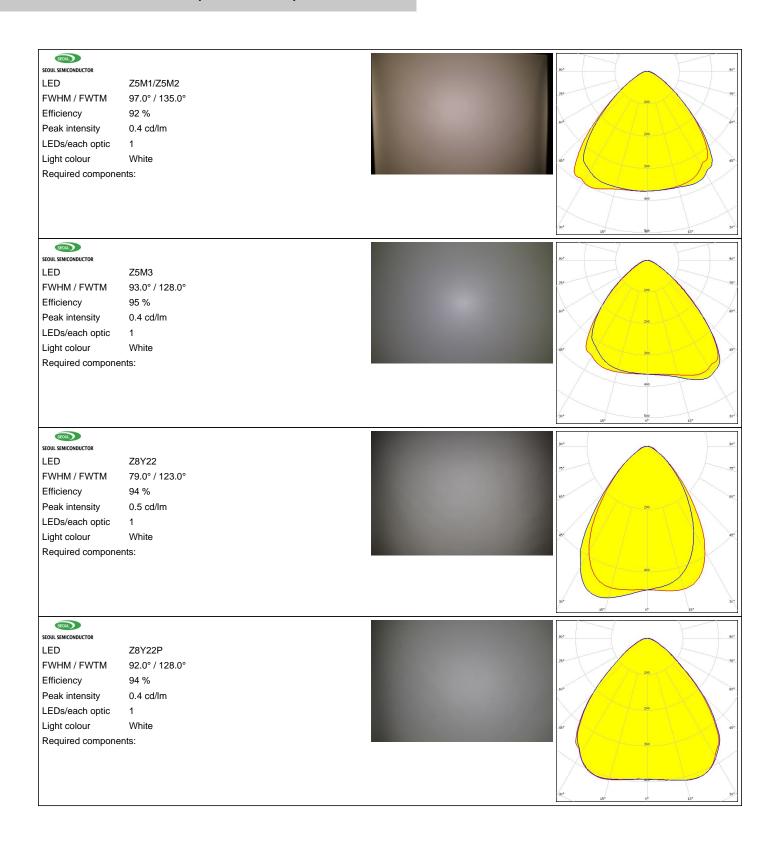
FWHM / FWTM 95.0° / 129.0°
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



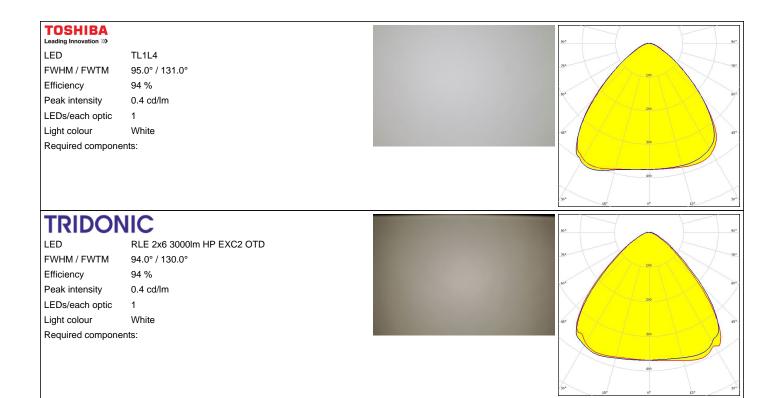










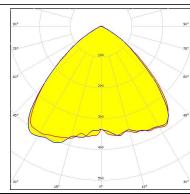


CREE . LED

LED J Series 5050 Round LES

 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 98.0° / 130.0° Efficiency 94 % Peak intensity 0.4 cd/lm LEDs/each optic Light colour White

Required components:

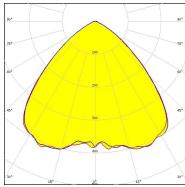


CREE - LED

LED J Series 5050B 6V K Class

FWHM / FWTM 94.0° / 123.0° Efficiency 96 % Peak intensity 0.4 cd/lm LEDs/each optic 1 White Light colour

Required components:

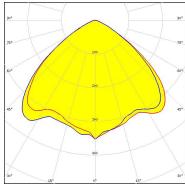


CREE + LED

LED MHB-A/B 106.0° / 131.0°

FWHM / FWTM Efficiency 87 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White

Required components:

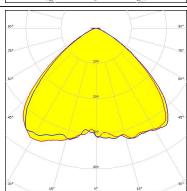


CREE - LED

XHP35 HD FWHM / FWTM 101.0° / 129.0°

Efficiency 91 % Peak intensity 0.4 cd/lm LEDs/each optic White Light colour

Required components:







LED XP-E

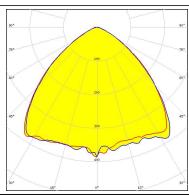
 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 99.0° / 129.0°

Efficiency 94 %

Peak intensity 0.4 cd/lm

LEDs/each optic Light colour White

Required components:



#### CREE - LED

LED XP-G2 HE

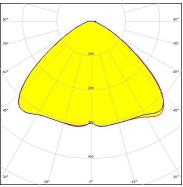
FWHM / FWTM 108.0° / 140.0°

Efficiency 93 %

Peak intensity 0.3 cd/lm

LEDs/each optic 1 White Light colour

Required components:



#### CREE + LED

LED XP-G3

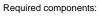
FWHM / FWTM 95.0° / 145.0°

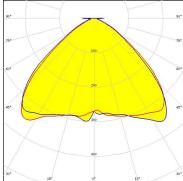
Efficiency 91 %

Peak intensity 0.4 cd/lm

LEDs/each optic 1 Light colour

White





#### LUMILEDS

LED LUXEON 5050 Round LES

FWHM / FWTM 98.0° / 130.0°

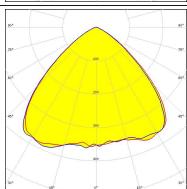
Efficiency 90 %

Peak intensity 0.4 cd/lm

LEDs/each optic White Light colour

Required components:

Protective plate, glass

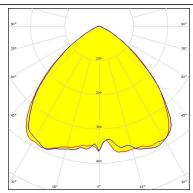




LED LUXEON 5050 Round LES

FWHM / FWTM 92.0° / 125.0°
Efficiency 93 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White

Required components:



#### **MUMILEDS**

LED LUXEON 5050 Square LES

FWHM / FWTM 90.0° / 122.0°

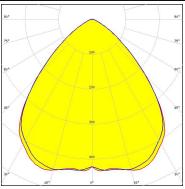
Efficiency 96 %

Peak intensity 0.5 cd/lm

LEDs/each optic 1

Light colour White

Required components:



#### **WNICHIA**

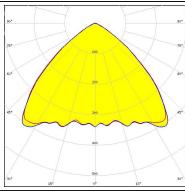
 LED
 NV4WB35AM

 FWHM / FWTM
 98.0° / 123.0°

 Efficiency
 96 %

 Peak intensity
 0.4 cd/lm

LEDs/each optic 1
Light colour White
Required components:

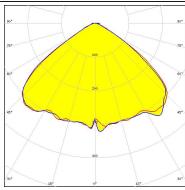


#### **WNICHIA**

LED NVSW219F FWHM / FWTM 110.0° / 132.0°

Efficiency 92 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White

Required components:





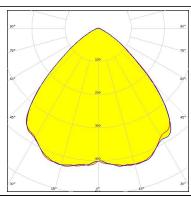
LED NVSxE21A  $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 94.0° / 122.0°

Efficiency 95 % Peak intensity 0.4 cd/lm

LEDs/each optic

Required components:

Light colour



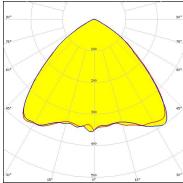
LED PrevaLED Brick HP IP 2x6

White

FWHM / FWTM 98.0° / 124.0° Efficiency 96 % Peak intensity 0.4 cd/lm

LEDs/each optic 1 White Light colour

Required components:



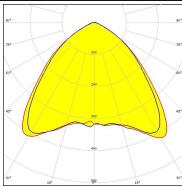
# OSRAM Opto Semiconductors

LED OSCONIQ P 3030 FWHM / FWTM 94.0° / 126.0° Efficiency 96 % Peak intensity 0.4 cd/lm

LEDs/each optic 1 Light colour White

Required components:

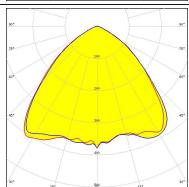
Required components:



#### **OSRAM**

LED OSCONIQ P 3737 (2W version)

FWHM / FWTM 95.0° / 127.0° Efficiency 94 % Peak intensity 0.4 cd/lm LEDs/each optic White Light colour

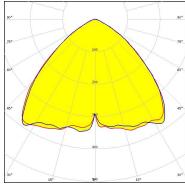


#### **OSRAM**

LED OSCONIQ P 3737 (3W version)

FWHM / FWTM 98.0° / 127.0°
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White

Required components:



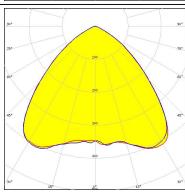
#### **OSRAM**

Opto Semiconducto

LED OSCONIQ P 3737 Flat

FWHM / FWTM 94.0° / 126.0°
Efficiency 96 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White

Required components:

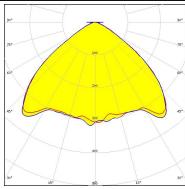


#### PHILIPS

LED Fortimo FastFlex LED 2x6 DPX G4

FWHM / FWTM 105.0° / 92.0°
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White

Required components:

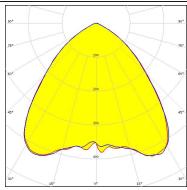


## **SAMSUNG**

LED LH181B FWHM / FWTM 90.0° / 124.0°

Efficiency 96 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White

Required components:





### **SAMSUNG**

LH351B

FWHM / FWTM 100.0° / 130.0°

Efficiency 94 %

0.4 cd/lm

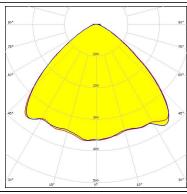
White

Peak intensity

LEDs/each optic

Required components:

Light colour



### **SAMSUNG**

LED LH351D

FWHM / FWTM 107.0° / 145.0°

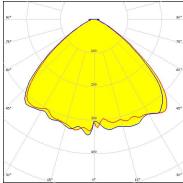
Efficiency 92 %

0.4 cd/lm

Peak intensity LEDs/each optic 1

White Light colour

Required components:



### **SAMSUNG**

LED LH502C

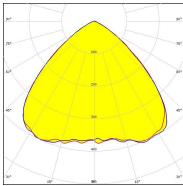
FWHM / FWTM 96.0° / 124.0°

Efficiency 96 %

Peak intensity 0.4 cd/lm

LEDs/each optic 1

Light colour White Required components:



### **SAMSUNG**

LH502D

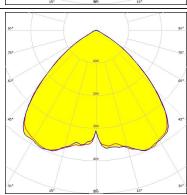
FWHM / FWTM 98.0° / 120.0°

Efficiency 96 %

Peak intensity 0.4 cd/lm

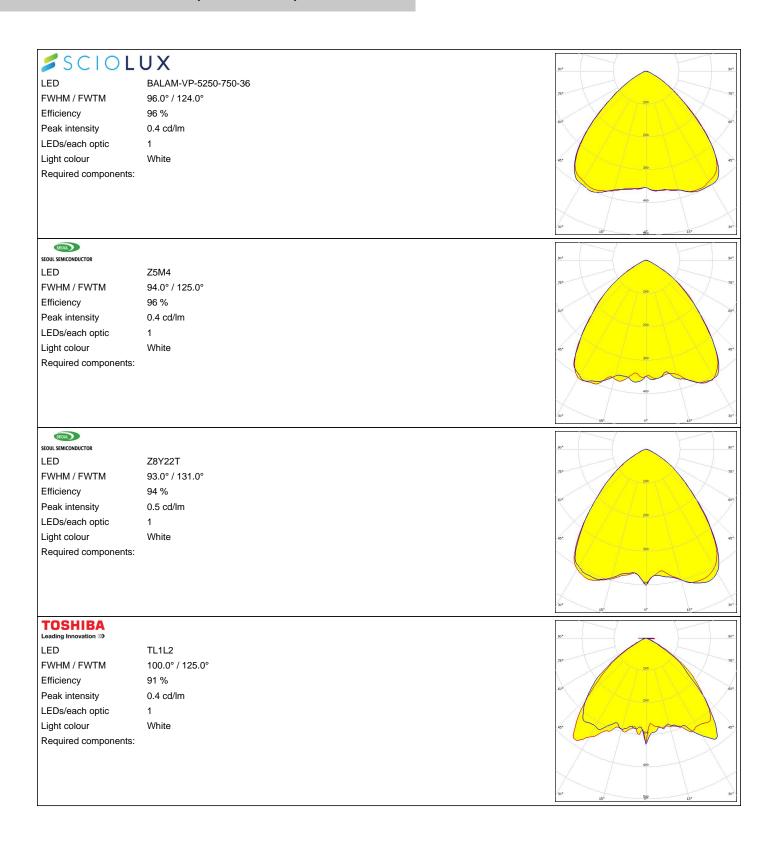
LEDs/each optic White Light colour

Required components:

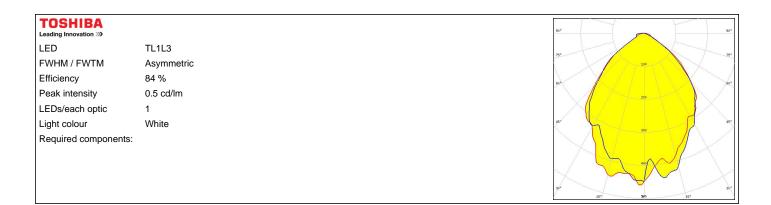


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### PRODUCT DATASHEET CS14263\_HB-IP-2X6-WWW

#### **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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#### **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**

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