

# HB-IP-2X6-RS

~20° spot beam

#### **SPECIFICATION:**

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



## MATERIALS:

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

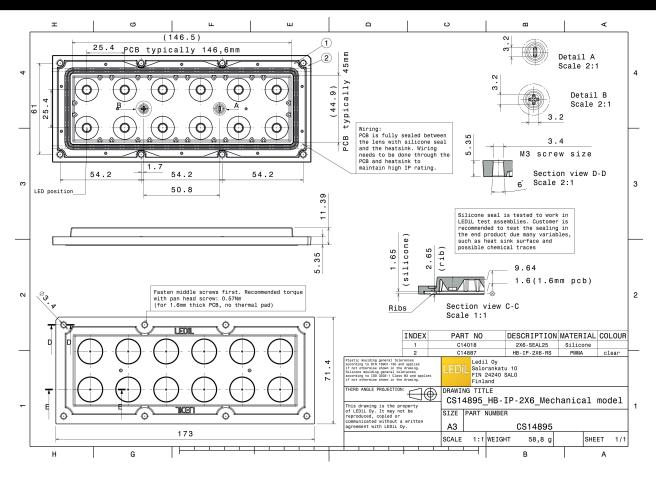
#### **ORDERING INFORMATION:**

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					

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

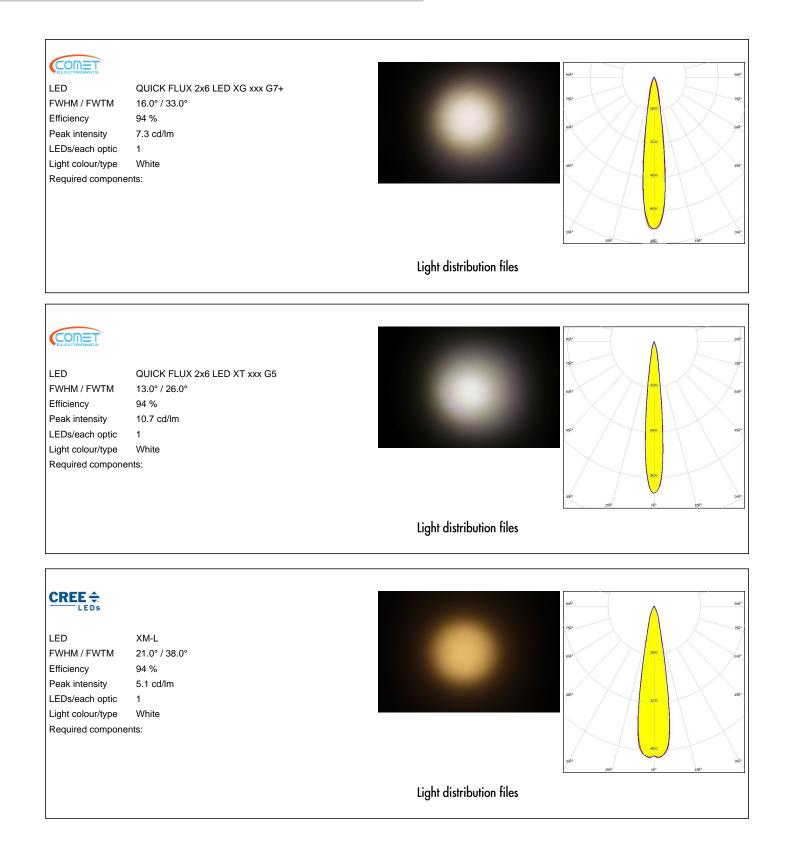
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# PRODUCT DATASHEET CS14895\_HB-IP-2X6-RS

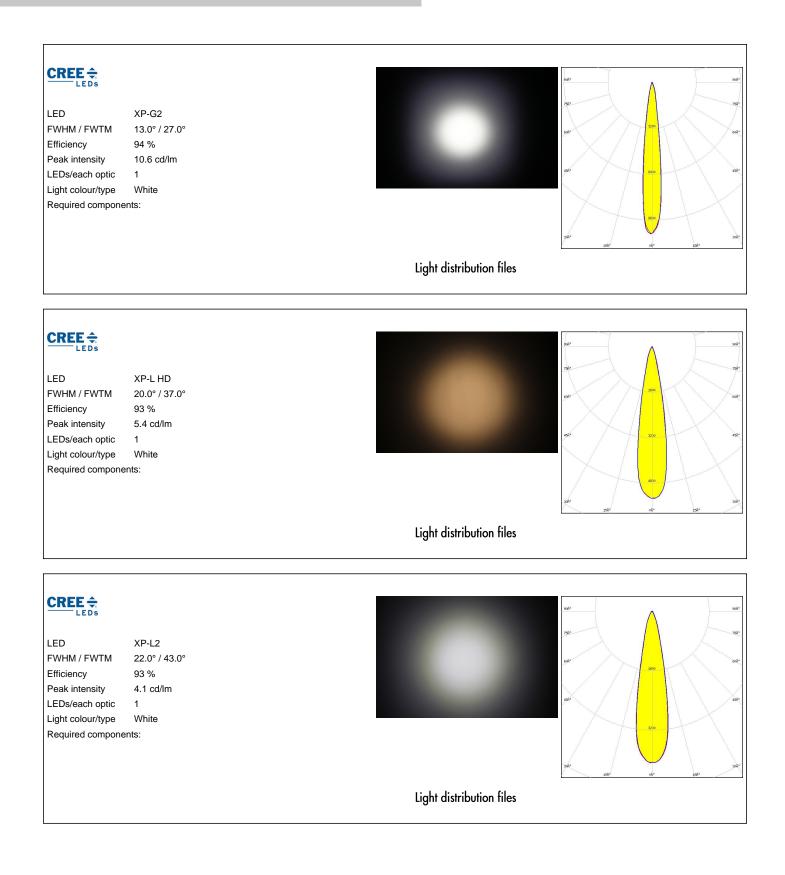


See also our general installation guide: <u>www.ledil.com/installation\_guide</u>

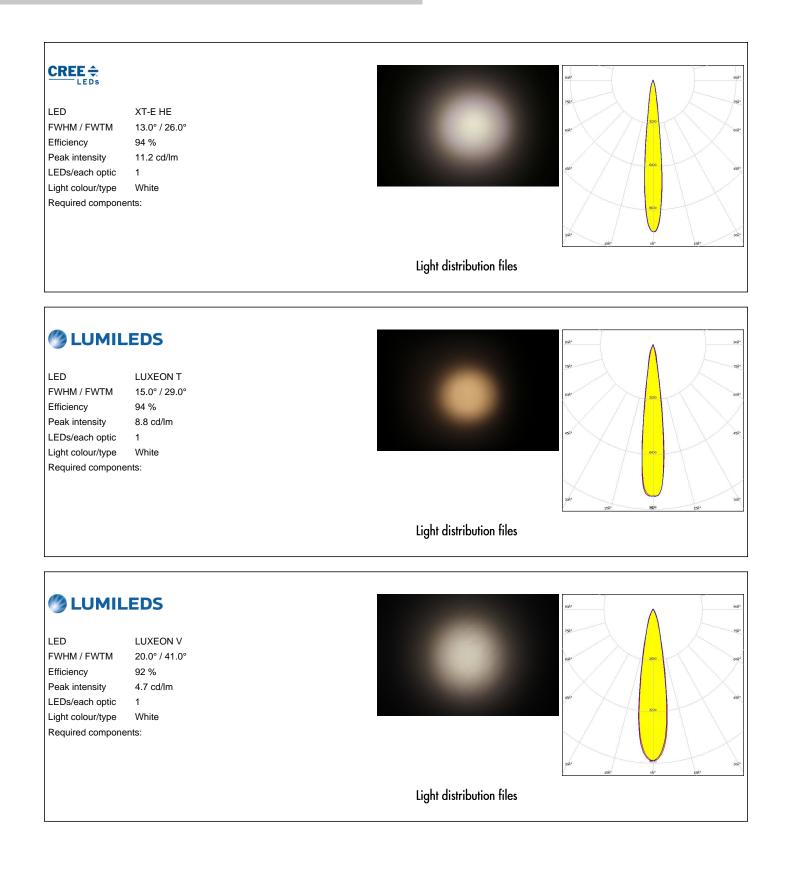








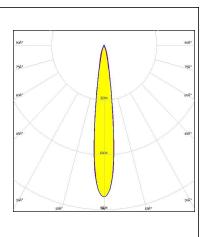






# UMILEDS

LED	LUXEON V2
FWHM / FWTM	15.0° / 30.0°
Efficiency	94 %
Peak intensity	8.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required componen	ts:



Light distribution files

# UMILEDS

 LED
 LUXEON XR-TX (L2T0-xxxx012M0000)

 FWHM / FWTM
 14.0° / 27.0°

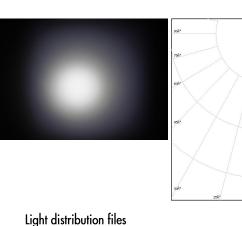
 Efficiency
 92 %

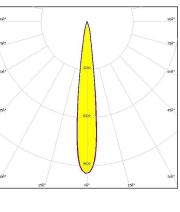
 Peak intensity
 10.1 cd/lm

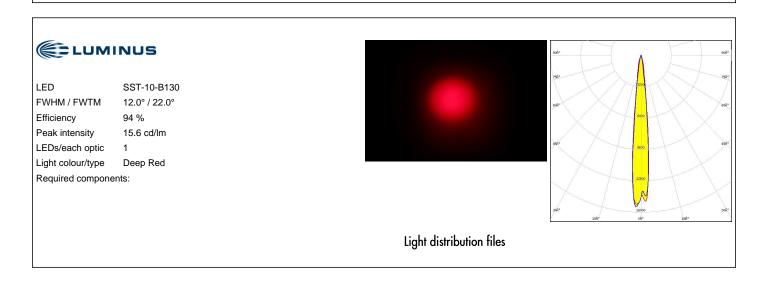
 LEDs/each optic
 1

 Light colour/type
 White

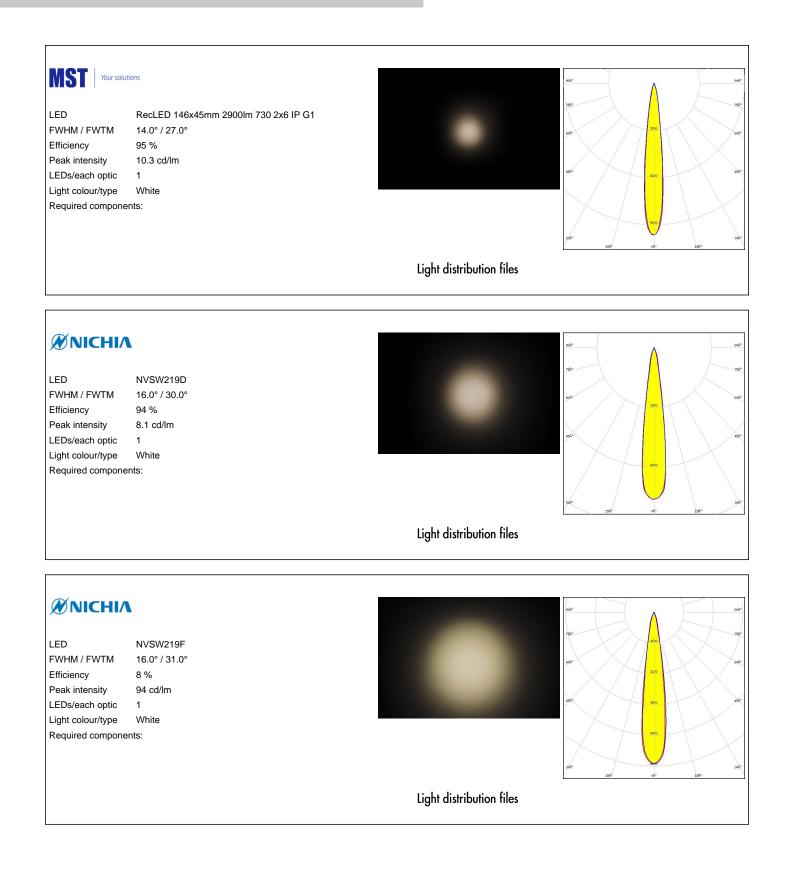
 Required components:
 Kernents



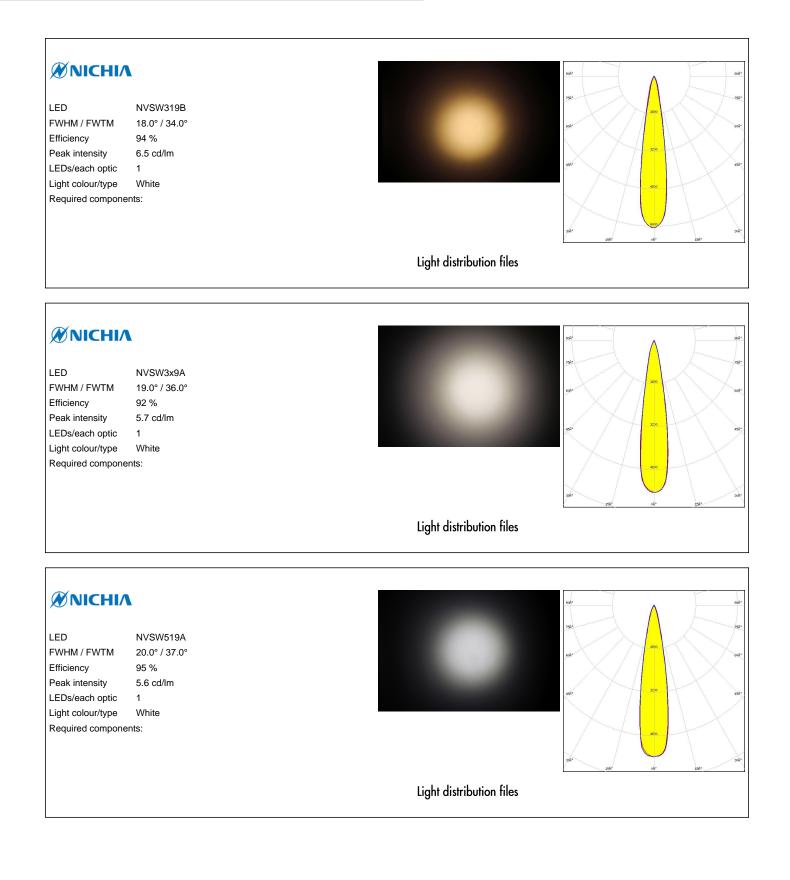




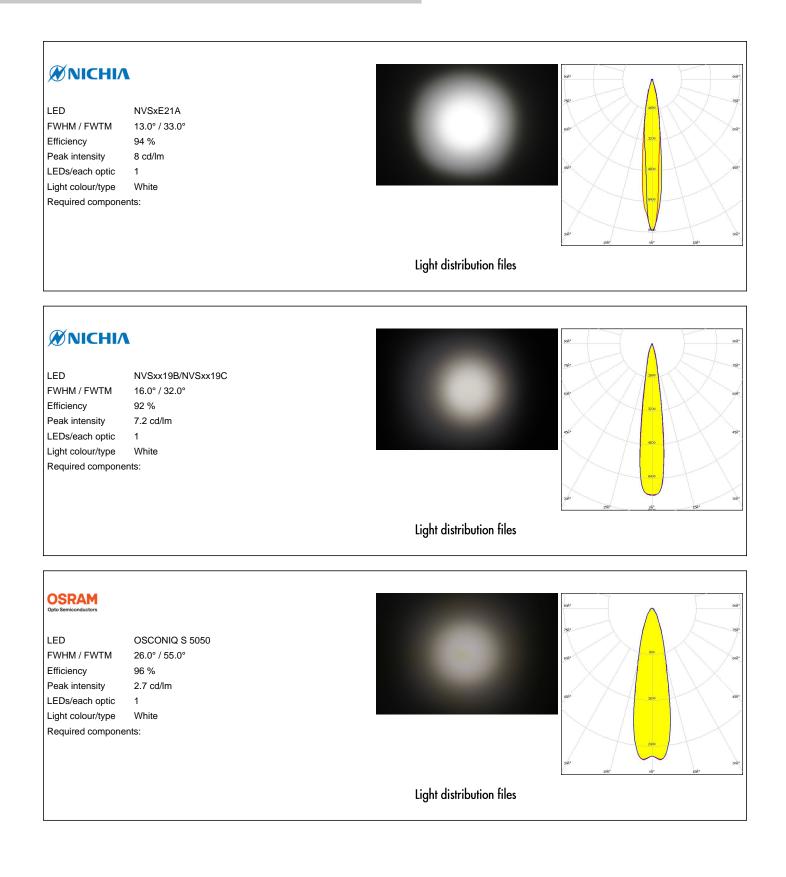










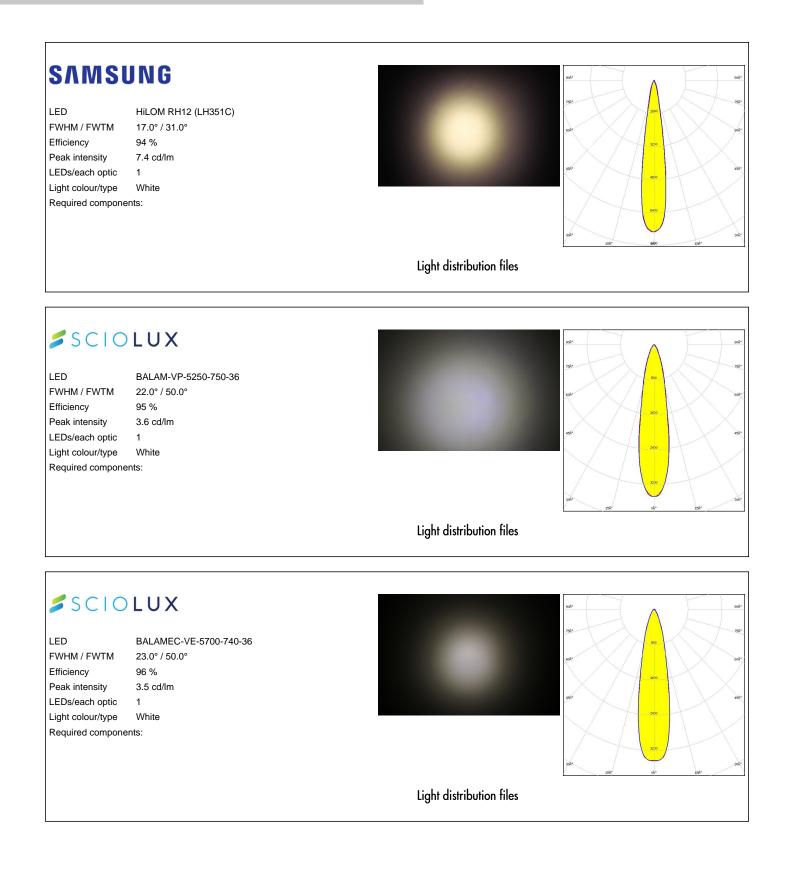




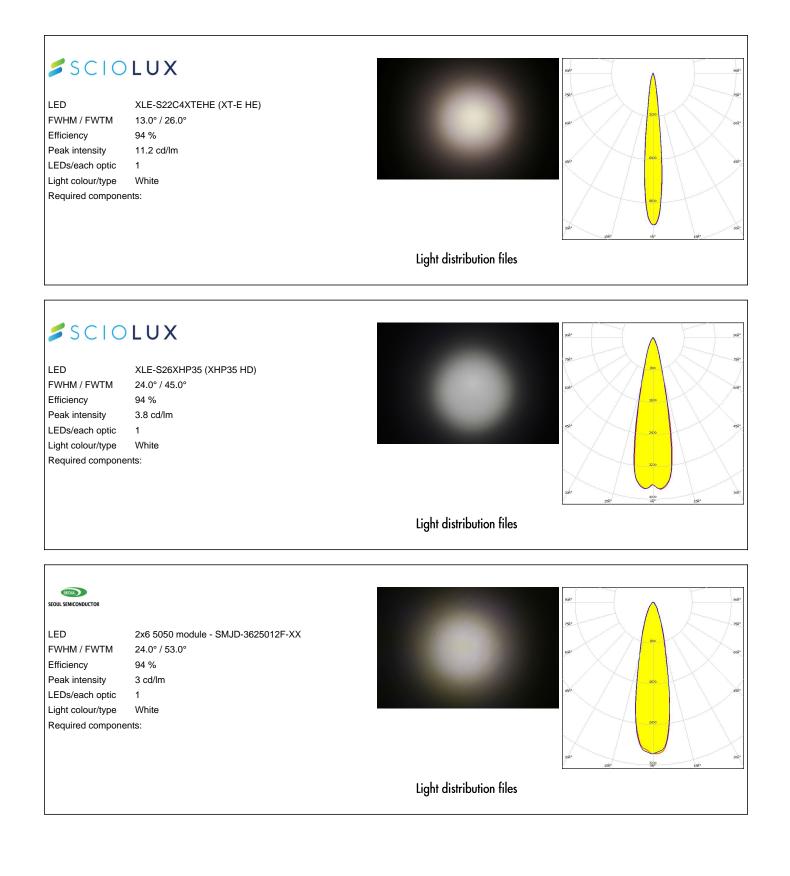
#### OSRAM Opto Semiconductors LED OSLON Square CSSRM2/CSSRM3 FWHM / FWTM 13.0° / 24.0° Efficiency 94 % Peak intensity 12 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files PHILIPS LED Fortimo FastFlex LED 2x6 DP G4 FWHM / FWTM 13.0° / 27.0° Efficiency 94 % Peak intensity 10.6 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files PHILIPS Fortimo FastFlex LED 2x6 DP G5 LED FWHM / FWTM 14.0° / 26.0° Efficiency 96 % Peak intensity 10.4 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files

Last update: 13/12/2024Subject to change without prior noticePublished: 19/09/2018LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.10/25









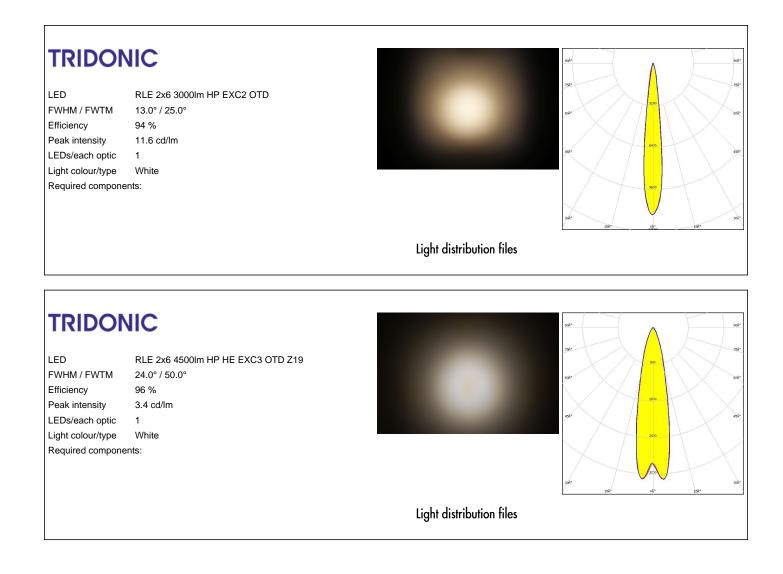


SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone	SMJQ-D36W12Mx 15.0° / 39.0° 89 % 5.1 cd/lm 1 White ents:	
		Light distribution files
SEQUE SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone	SMJQ-D36W12Px 16.0° / 36.0° 93 % 6.3 cd/lm 1 White ents:	Light distribution files
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone	Z5M1/Z5M2 14.0° / 26.0° 94 % 10 cd/lm 1 White ents:	
		15Ű oŰ 15Ű

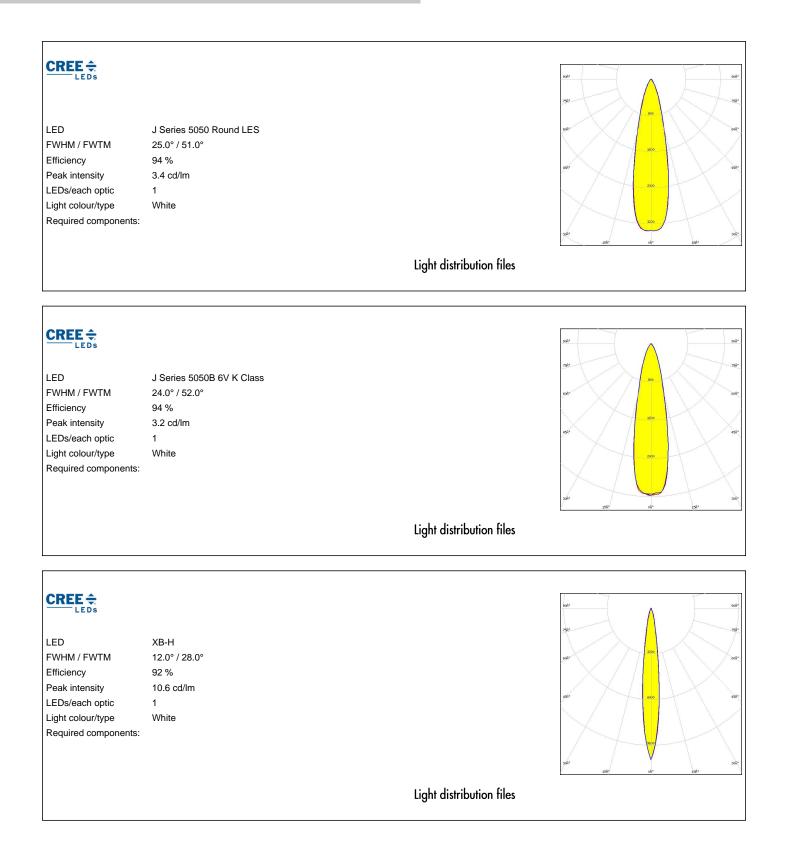


SEQUE SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone	Z5M3 16.0° / 33.0° 95 % 7.3 cd/lm 1 White nts:	
		Light distribution files
SEQUE SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone	Z8Y22 15.0° / 39.0° 89 % 5.1 cd/lm 1 White nts:	Light distribution files
		Light distribution files
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required compone	Z8Y22P 17.0° / 34.0° 92 % 6.6 cd/lm 1 White nts:	
		Light distribution files

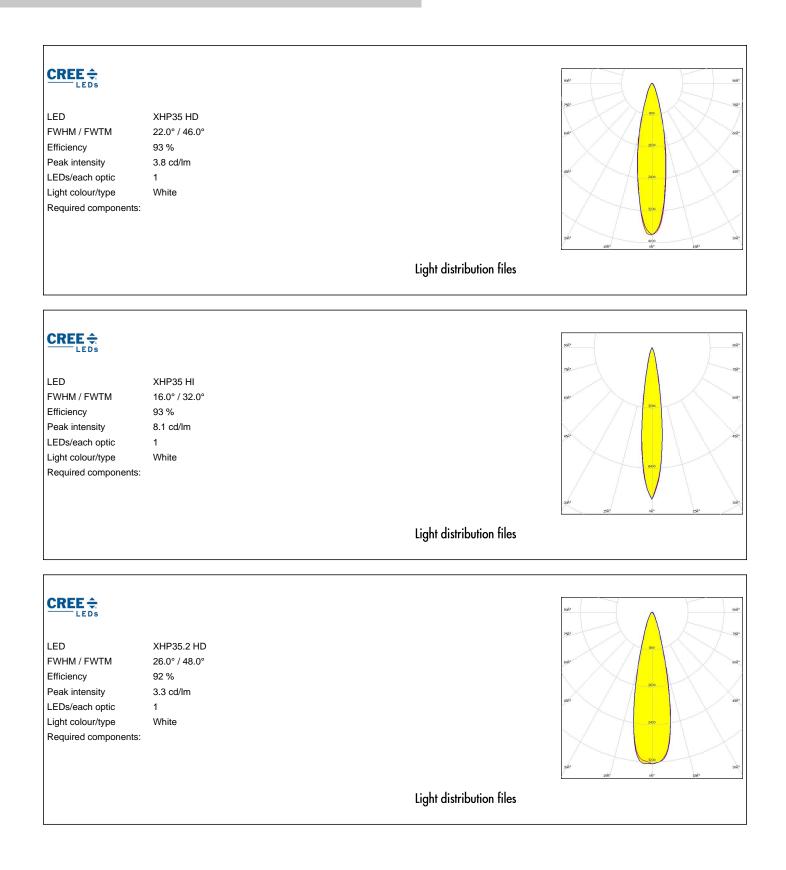




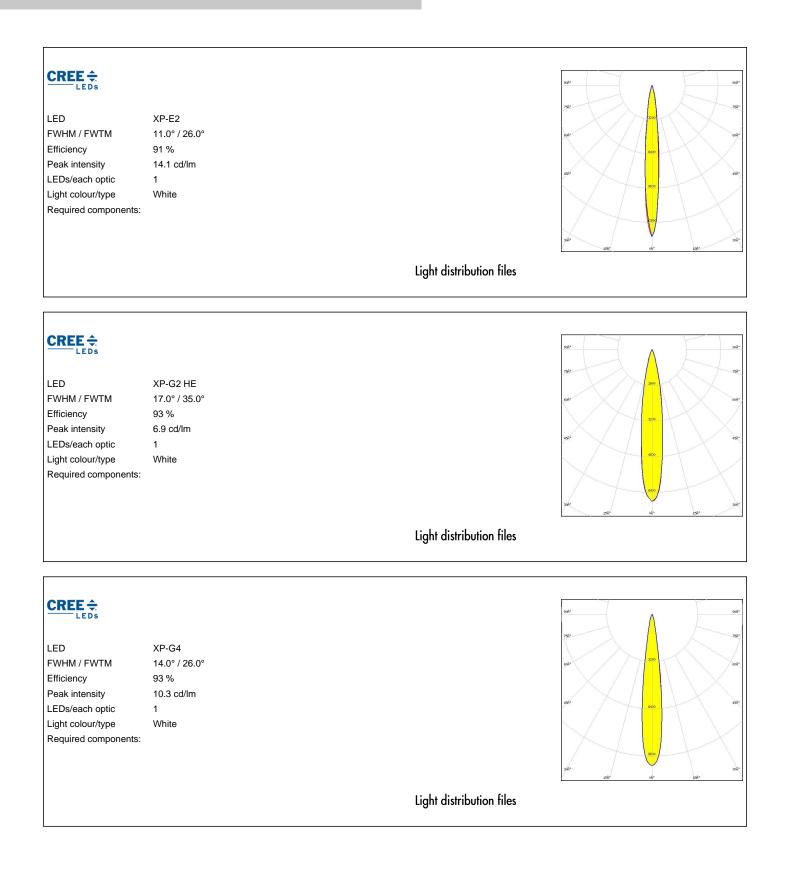












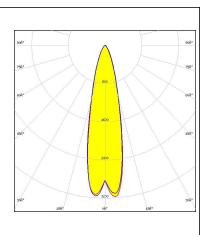


#### LED XQ-E HD FWHM / FWTM 8.0° / 19.0° Efficiency 92 % Peak intensity 21.8 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files inventronics PrevaLED Brick HP IP 2x6 I FD FWHM / FWTM 14.0° / 28.0° Efficiency 92 % Peak intensity 10.1 cd/lm LEDs/each optic 1 Light colour/type White Required components: Light distribution files LUXEON 5050 Round LES LED 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

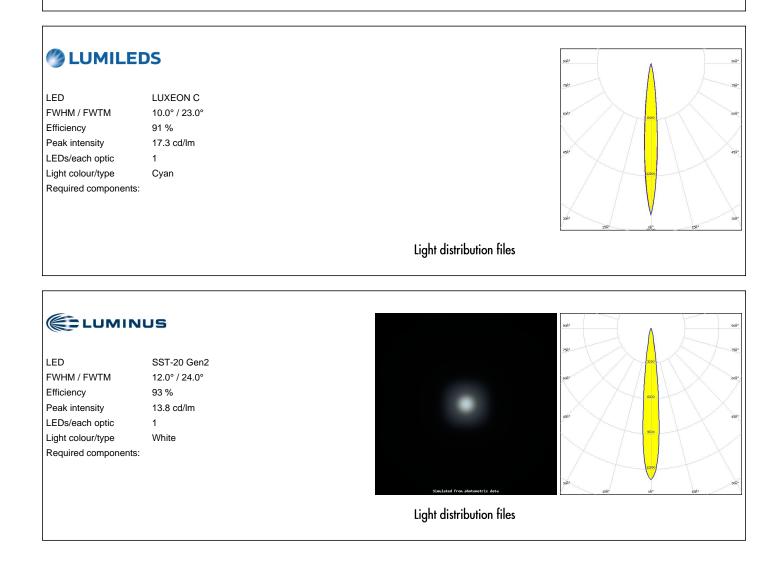


# UMILEDS

LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components: LUXEON 5050 Square LES 25.0° / 52.0° 94 % 3.2 cd/lm 1 White



Light distribution files





ΜΝΙCΗΙΛ		908*	90Ř
LED FWHM / FWTM	NV4WB35AM 22.0° / 40.0°		
Efficiency	94 %		< 7
Peak intensity	4.8 cd/lm		
LEDs/each optic	1	54 <sup>1</sup>	45
Light colour/type	White		
Required components:			
		sár eso	304
		Light distribution files	
OSRAM Opto Semiconductors		pole-	50Å
LED	OSCONIQ C 2424	200	-
FWHM / FWTM	11.0° / 22.0°	5.80	e
Efficiency	93 %		
Peak intensity	16.6 cd/lm		
LEDs/each optic	1		a de
Light colour/type	White	12300	
Required components:			
		398*	30
		Light distribution files	
OSRAM			
Opto Semiconductors			90
LED	OSCONIQ P 3030		
FWHM / FWTM	9.0° / 20.0°	6400	×.
Efficiency	94 %	$  \times /   \wedge \rangle$	
Peak intensity	21.8 cd/lm	57 I I I I I I I I I I I I I I I I I I I	4
LEDs/each optic	1		
Light colour/type	White		
Required components:			
		yder zole of zole	
		Light distribution files	



#### OSRAM 90Å I FD OSCONIQ P 3737 (2W version) FWHM / FWTM 12.0° / 25.0° Efficiency 89 % Peak intensity 13 cd/lm 108 LEDs/each optic 1 Light colour/type White Required components: Light distribution files OSRAM Opto Semiconductore OSCONIQ P 3737 (3W version) I FD 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 Opto S OSCONIQ P 3737 Flat LED FWHM / FWTM 14.0° / 30.0° Efficiency 94 % Peak intensity 9.7 cd/lm àns. LEDs/each optic 1 Light colour/type White Required components:

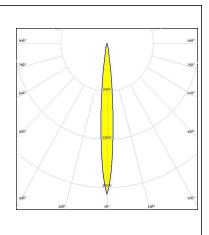
Light distribution files



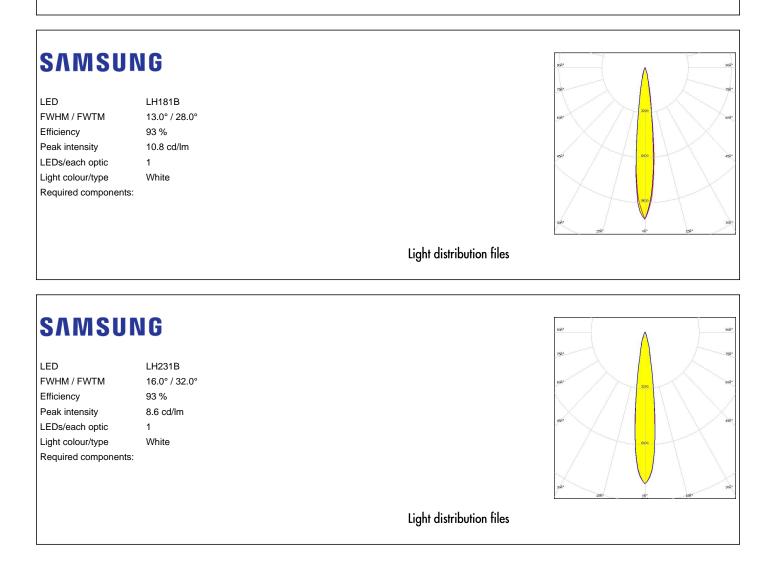
#### OSRAM Opto Semiconductors

LED
FWHM / FWTM
Efficiency
Peak intensity
LEDs/each optic
Light colour/type
Required components:

OSLON Square CSSRM2/CSSRM3 10.0° / 20.0° 92 % 20.2 cd/lm 1 Far Red



#### Light distribution files





SAMSUN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	C LH351D 22.0° / 40.0° 93 % 4.6 cd/lm 1 White	
		Light distribution files
SEOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	Z5M4 16.0° / 34.0° 93 % 7.7 cd/lm 1 White	Light distribution files
SECOUL SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour/type Required components:	Z8Y22T 15.0° / 33.0° 93 % 7.9 cd/lm 1 White	2004 2004
		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.

#### 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 7 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

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