# PRODUCT DATASHEET CA14461\_VERONICA-SQ-M

## **VERONICA-SQ-M**

~30° medium beam

#### **SPECIFICATION:**

Dimensions 22.5 x 22.5 mm

Height 11.8 mm

Fastening tape, pin

ROHS compliant yes ①



#### **MATERIALS:**

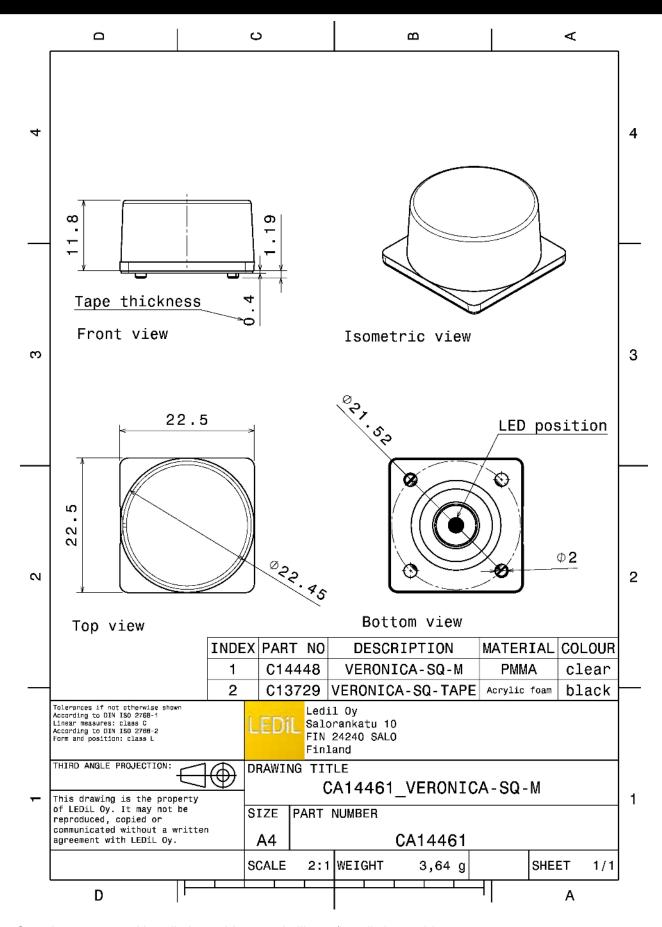
ComponentTypeMaterialColourFinishVERONICA-SQ-MSingle lensPMMAclearVERONICA-TAPETapeAcrylic foamclear

#### **ORDERING INFORMATION:**

» Box size: 476 x 273 x 197 mm

ComponentQty in boxMOQMPQBox weight (kg)CA14461\_VERONICA-SQ-MSingle lens19803601808.2

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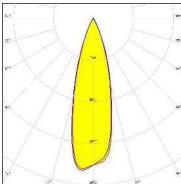
See also our general installation guide: www.ledil.com/installation\_guide



#### CREE \$\text{LED}

LED XB-H
FWHM / FWTM 29.0° / 52.0°
Efficiency 91 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour White
Required components:





#### CREE - LED

LED XHP35 HD
FWHM / FWTM 40.0° / 64.0°
Efficiency 88 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



#### CREE - LED

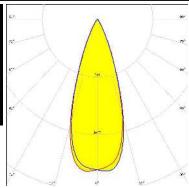
LED XHP35 HI
FWHM / FWTM 33.0° / 54.0°
Efficiency 88 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



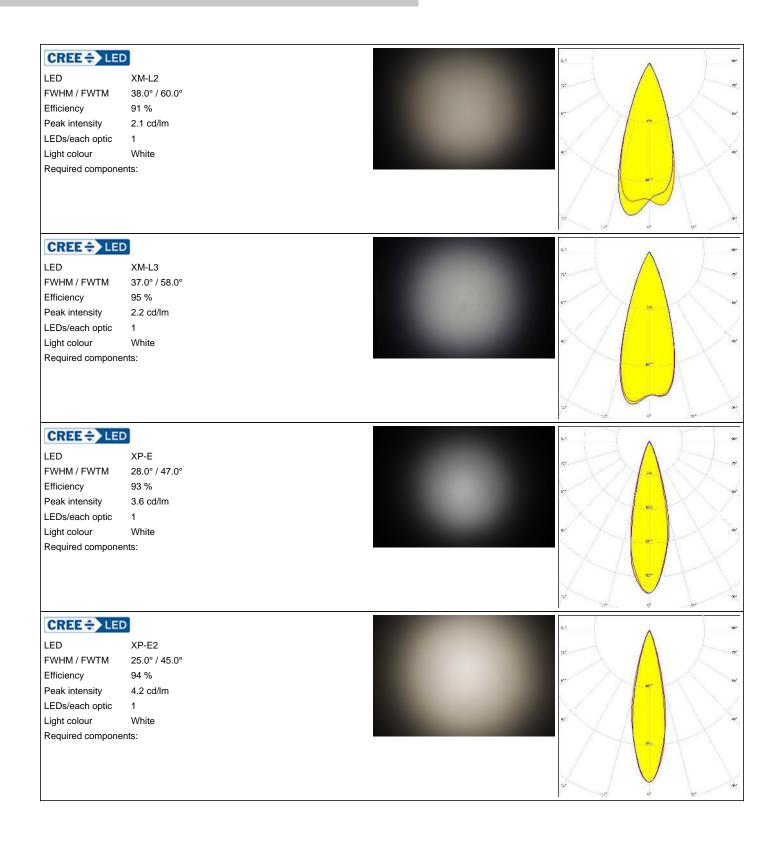
#### CREE - LED

LED XM-L
FWHM / FWTM 37.0° / 59.0°
Efficiency 92 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

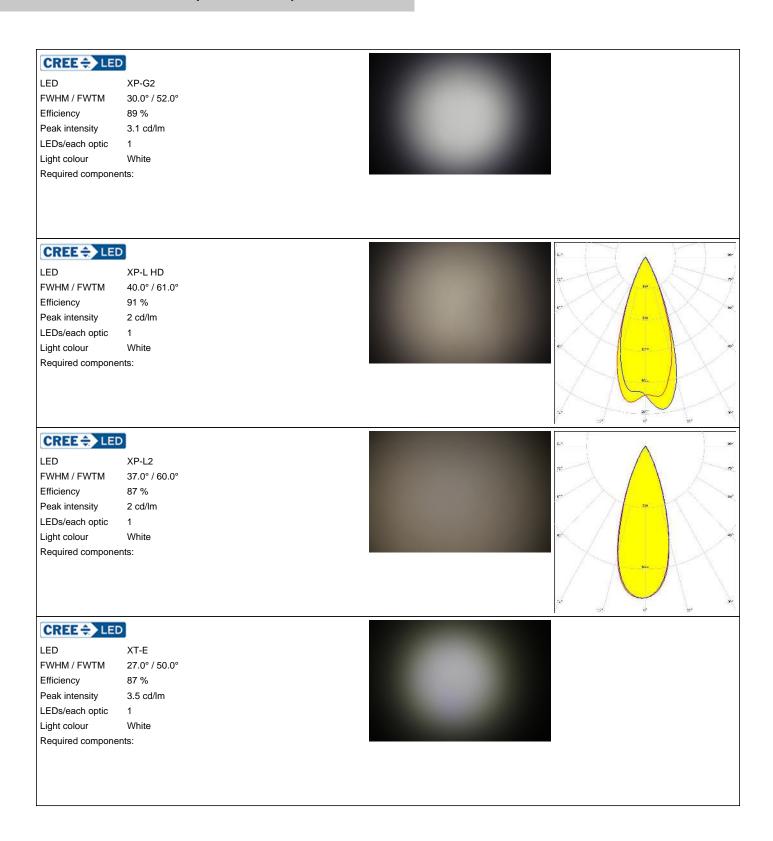




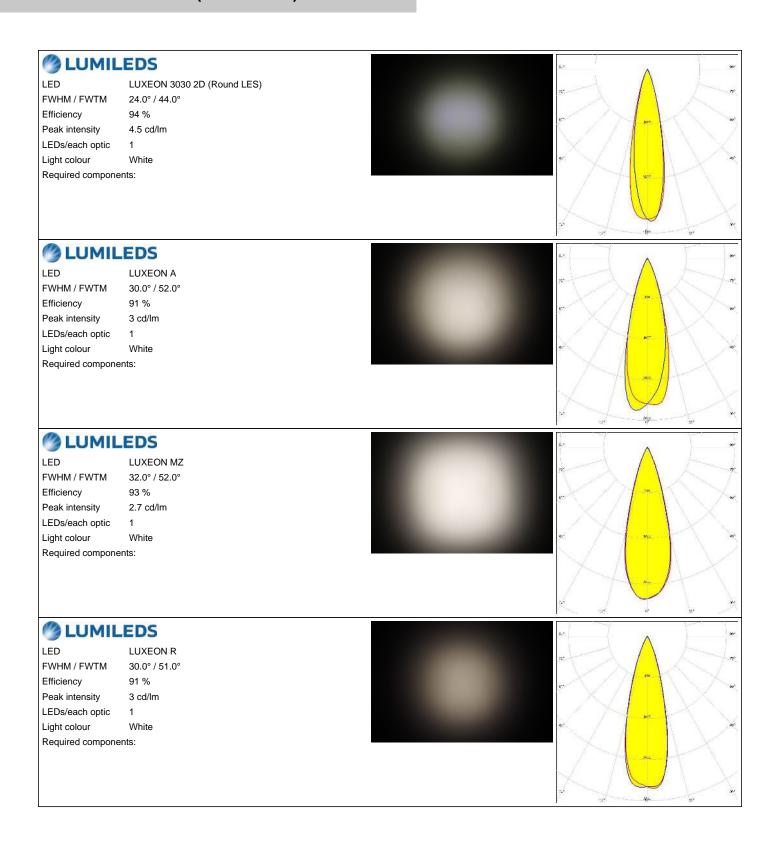




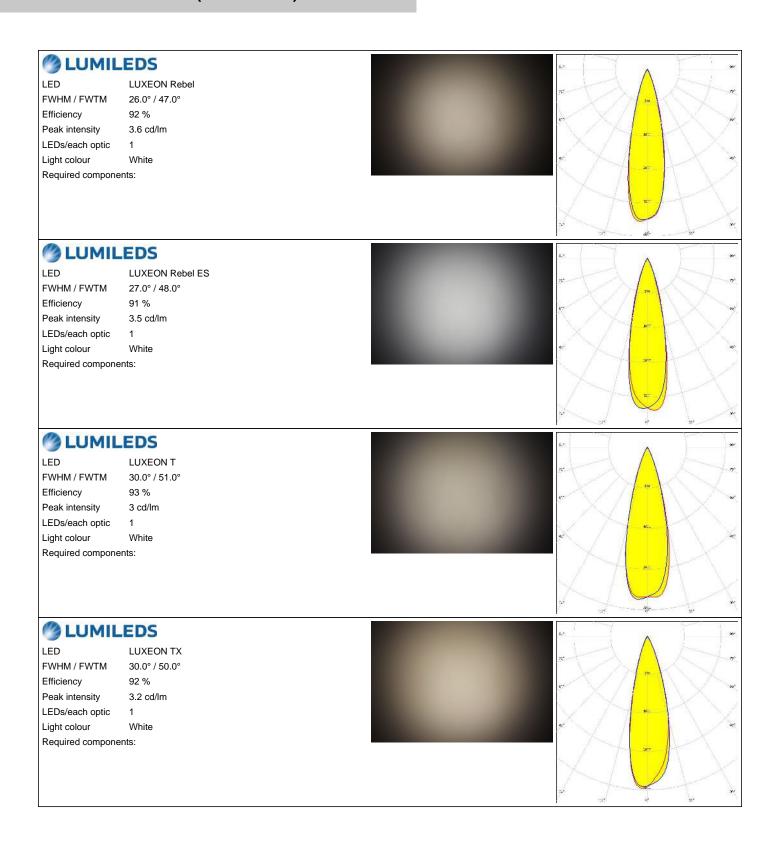




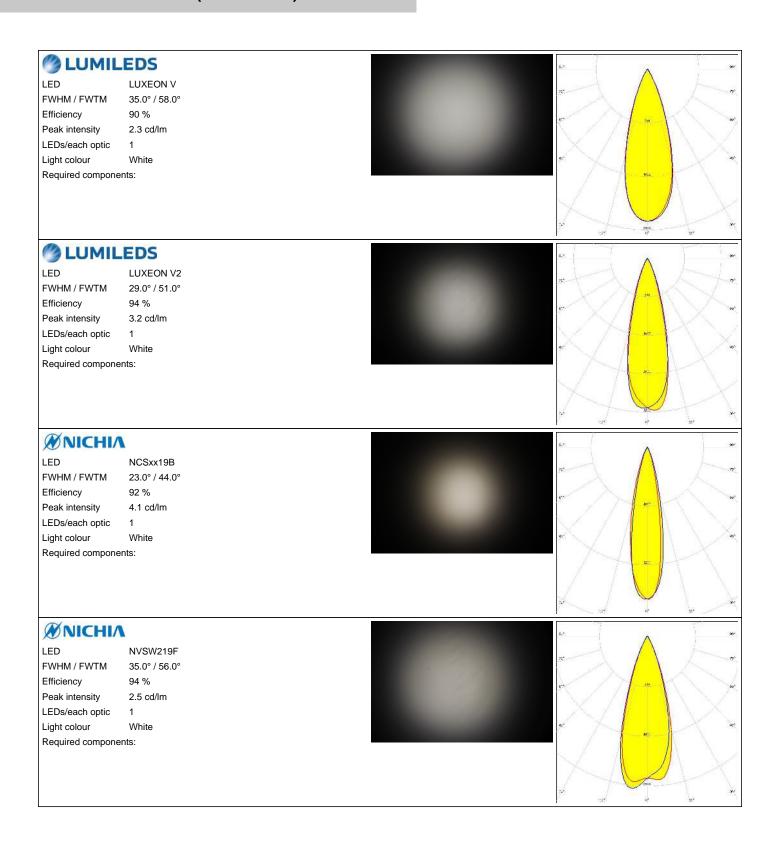




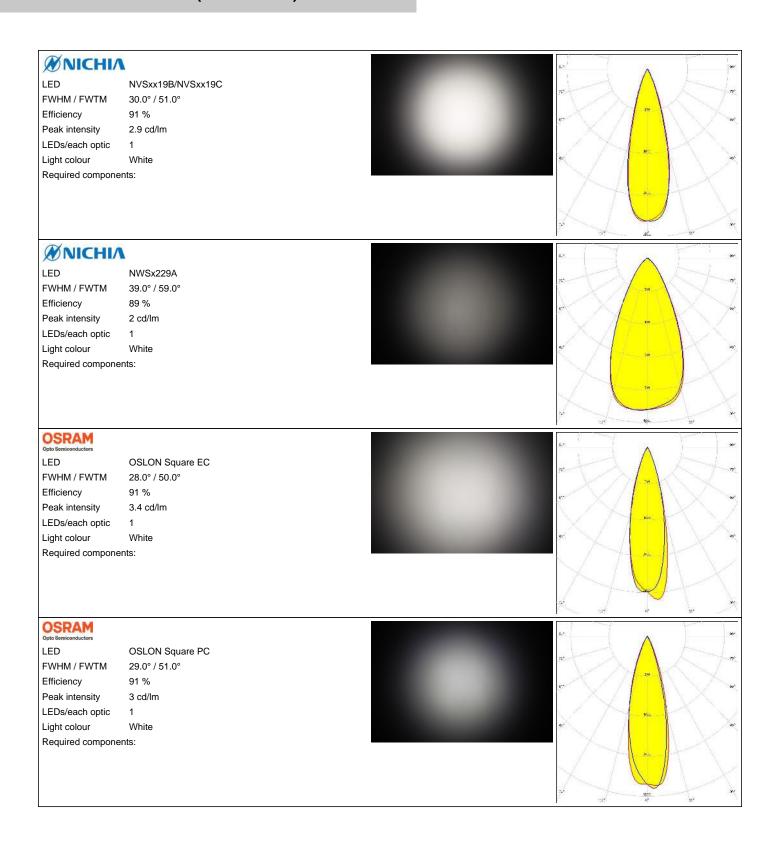




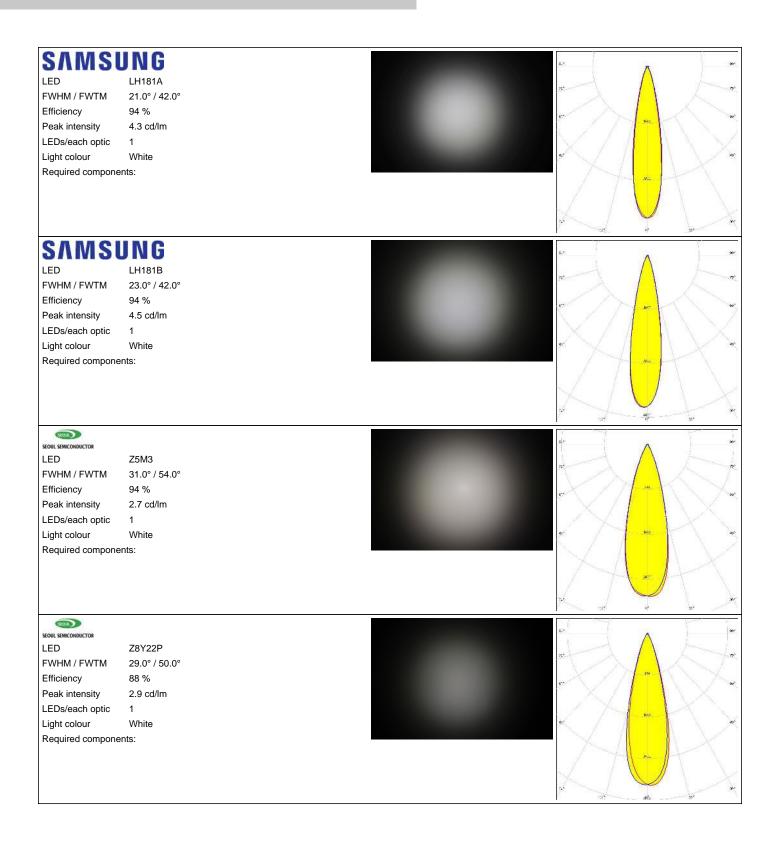




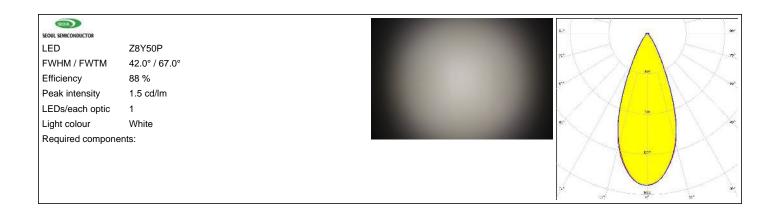














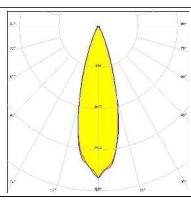
# **OPTICAL RESULTS (SIMULATED):**



LED XHP35.2 HD FWHM / FWTM 30.0° / 52.0° Efficiency 95 %

Peak intensity 3 cd/lm LEDs/each optic 1 Light colour White

Required components:



## **MUMILEDS**

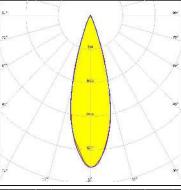
LED LUXEON C FWHM / FWTM 29.0° / 47.0°

Efficiency 94 %
Peak intensity 3.7 cd/lm
LEDs/each optic 1

White

Required components:

Light colour



#### **ELUMINUS**

LED SFT-40-WCS FWHM / FWTM 34.0° / 50.0°

Efficiency 97 %
Peak intensity 2.9 cd/lm

LEDs/each optic 1
Light colour White
Required components:

# **WNICHIA**

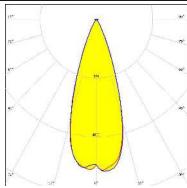
 LED
 NCSxE17A

 FWHM / FWTM
 36.0° / 56.0°

 Efficiency
 93 %

Peak intensity 2.1 cd/lm
LEDs/each optic 4
Light colour White

Required components:





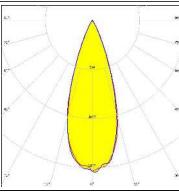
# **OPTICAL RESULTS (SIMULATED):**

White

## **WNICHIA**

LED NV4WB35AM FWHM / FWTM 36.0° / 56.0° Efficiency 96 % Peak intensity 2.5 cd/lm LEDs/each optic

Required components:

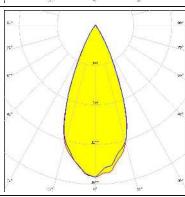


## **OSRAM**

Light colour

OSCONIQ C 2424 LED FWHM / FWTM 44.0° / 66.0° Efficiency 97 % Peak intensity 1.5 cd/lm LEDs/each optic 4 White

Required components:



# OSRAM Opto Semiconductors

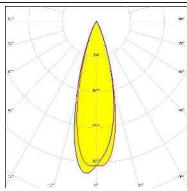
Light colour

LED OSCONIQ P 3030 FWHM / FWTM 23.0° / 42.0° Efficiency 96 % Peak intensity 5 cd/lm LEDs/each optic Light colour White Required components:

# SAMSUNG

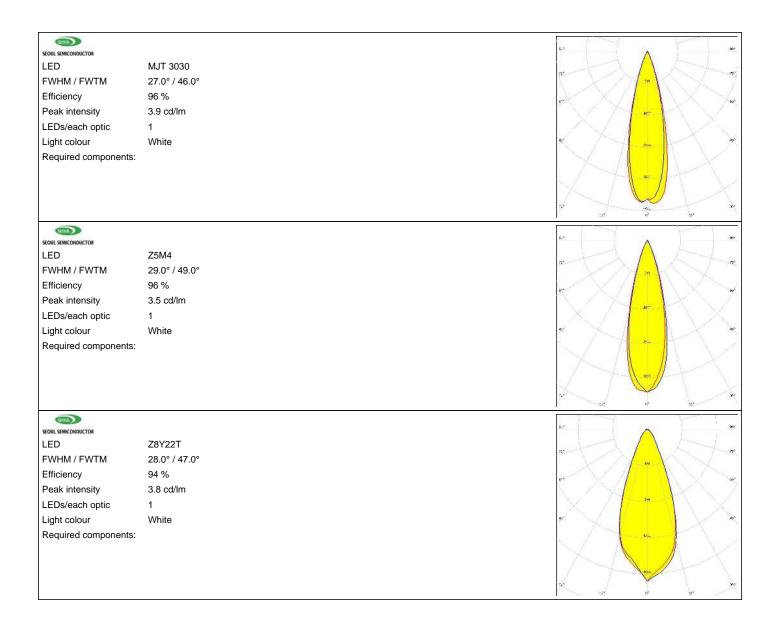
LM28xB Series FWHM / FWTM 29.0° / 50.0° 94 % Efficiency Peak intensity 3.5 cd/lm LEDs/each optic White Light colour

Required components:





# **OPTICAL RESULTS (SIMULATED):**





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#### **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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# Local sales and technical support

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