PRODUCT DATASHEET CA15902_VERONICA-SQ-SE

VERONICA-SQ-SE

~190° side emitter beam

TECHNICAL SPECIFICATIONS:

Dimensions 22.5 x 22.5 mm

Height 11.4 mm

Fastening tape

ROHS compliant yes ①



MATERIAL SPECIFICATIONS:

ComponentTypeMaterialColourFinishVERONICA-SQ-SESingle lensPMMAclearVERONICA-TAPETapeclear

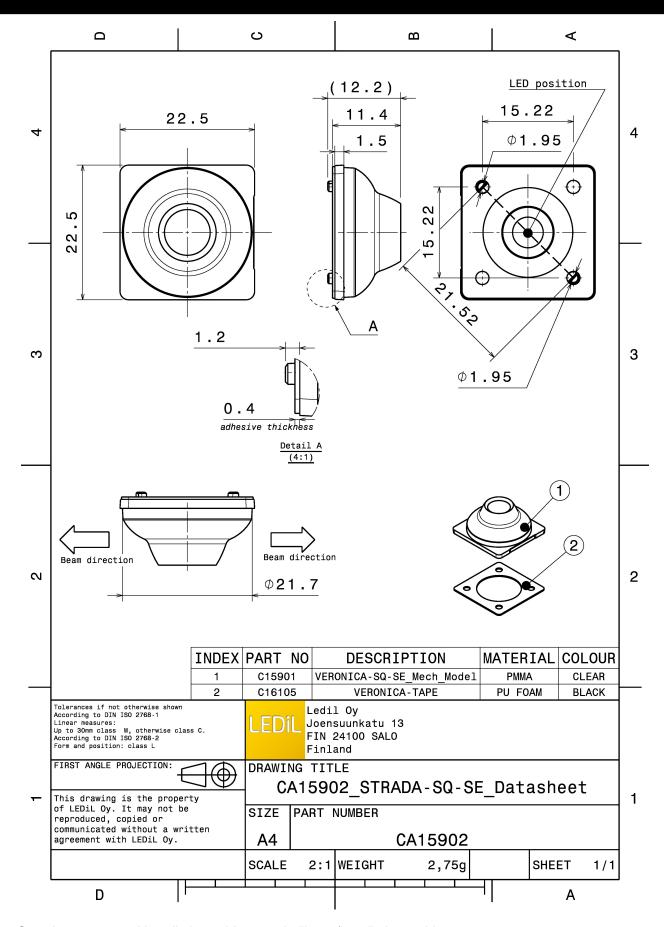
ORDERING INFORMATION:

» Box size: 480 x 280 x 300 mm

ComponentQty in boxMOQMPQBox weight (kg)CA15902_VERONICA-SQ-SESingle lens30603601809.6



PRODUCT DATASHEET CA15902_VERONICA-SQ-SE



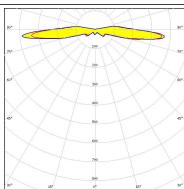
See also our general installation guide: www.ledil.com/installation_guide



CREE - LED

LED XHP35 HI $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 183.0° / 201.0° 88 %

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

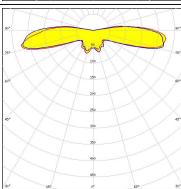


CREE & LED

Required components:

LED XHP70.2 FWHM / FWTM 194.0° / 220.0°

Efficiency 84 % Peak intensity 0.2 cd/lm LEDs/each optic 1 White Light colour Required components:



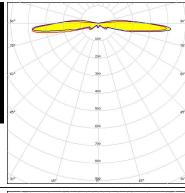
CREE - LED

LED XP-G2

 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 184.0° / 196.0°

Efficiency 87 % Peak intensity 0.4 cd/lm LEDs/each optic Light colour White Required components:



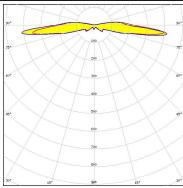


CREE - LED

XP-L HI

FWHM / FWTM 184.0° / 210.0°

Efficiency 87 % Peak intensity 0.5 cd/lm LEDs/each optic White Light colour Required components:



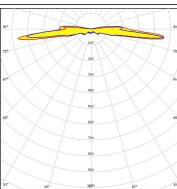


CREE \$\text{LED}

LED XQ-E HI FWHM / FWTM 176.0° / 195.0°

Efficiency 87 %
Peak intensity 0.5 cd/lm

LEDs/each optic 1
Light colour White
Required components:

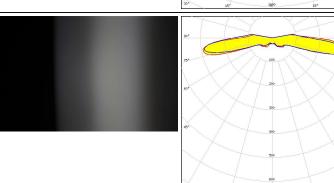


MUMILEDS

LED LUXEON 5050 Round LES

FWHM / FWTM 180.0° / 200.0°
Efficiency 87 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1

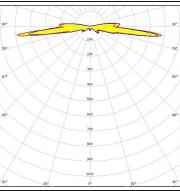
Light colour White Required components:



MILEDS

LED LUXEON CZ FWHM / FWTM 173.0° / 200.0°

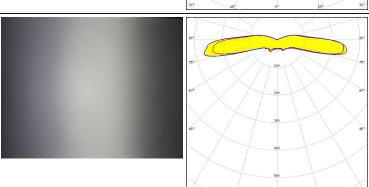
Efficiency 90 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



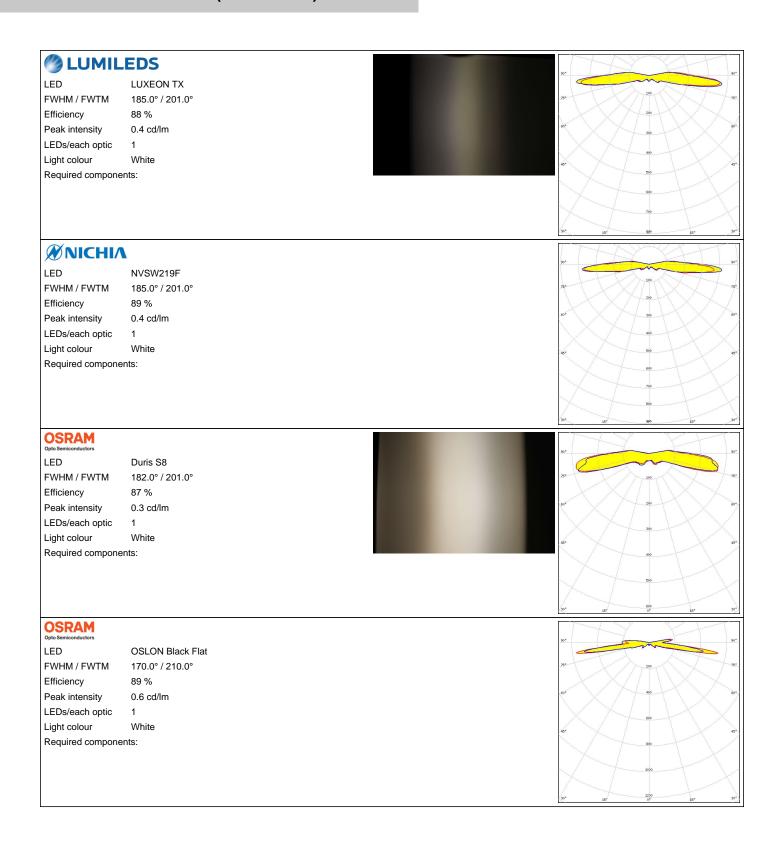
MILEDS

LED LUXEON M/MX FWHM / FWTM 189.0° / 225.0°

Efficiency 91 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:





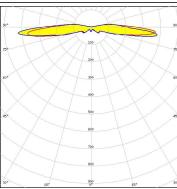




OSRAM

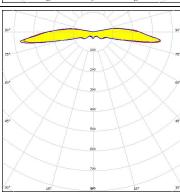
LED OSLON Square CSSRM2/CSSRM3

FWHM / FWTM 186.0° / 220.0° Efficiency 88 % Peak intensity 0.4 cd/lm LEDs/each optic Light colour White Required components:



OSRAM

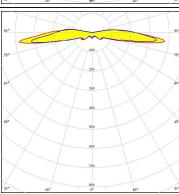
LED OSLON Square EC FWHM / FWTM 189.0° / 201.0° Efficiency 88 % Peak intensity 0.4 cd/lm LEDs/each optic 1 White Light colour Required components:



OSRAM Opto Semiconductors

LED

OSLON Square PC FWHM / FWTM 187.0° / 200.0° Efficiency 88 % Peak intensity 0.4 cd/lm LEDs/each optic Light colour White Required components:

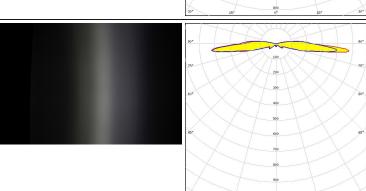


OSRAM

LED OSLON SSL 150

FWHM / FWTM 182.0° / 200.0°

Efficiency 89 % Peak intensity 0.5 cd/lm LEDs/each optic White Light colour Required components:





SAMSUNG

LED LH181A

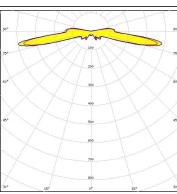
FWHM / FWTM 170.0° / 210.0°

Efficiency 91 % Peak intensity 0.5 cd/lm

LEDs/each optic 1

Light colour White

Required components:



SAMSUNG

LED LH181B

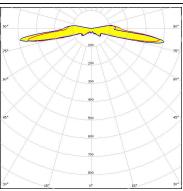
FWHM / FWTM 171.0° / 201.0°

Efficiency 88 %

Peak intensity 0.5 cd/lm

LEDs/each optic 1 Light colour White

Required components:



SEOUL SEMICONDUCTOR

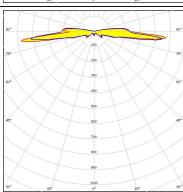
LED nPola

FWHM / FWTM 181.0° / 200.0°

Efficiency 89 %
Peak intensity 0.5 cd/lm

LEDs/each optic 1
Light colour White

Required components:



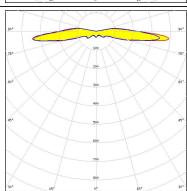
SEOUL SEMICONDUCTOR

LED Z5M3

FWHM / FWTM 184.0° / 201.0°

Efficiency 89 %
Peak intensity 0.4 cd/lm

LEDs/each optic 1
Light colour White
Required components:





CREE 1 LED

 LED
 XHP35 HD

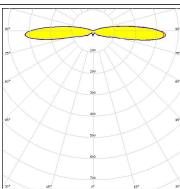
 FWHM / FWTM
 194.0° / 216.0°

 Efficiency
 94 %

 Peak intensity
 0.4 cd/lm

LEDs/each optic 1
Light colour White

Required components:



CREE \$\(\preceq\) LED

 LED
 XHP70

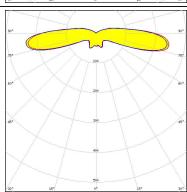
 FWHM / FWTM
 190.0° / 232.0°

 Efficiency
 94 %

 Peak intensity
 0.3 cd/lm

Peak intensity 0.3 cd LEDs/each optic 1 Light colour White

Required components:



CREE = LED

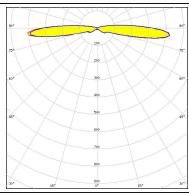
LED XP-E2

FWHM / FWTM 188.0° / 206.0°

Efficiency 95 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1

Light colour Red

Required components:



CREE - LED

LED XP-E2

FWHM / FWTM 188.0° / 206.0°

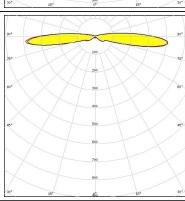
Efficiency 95 %

Peak intensity 0.4 cd/lm

LEDs/each optic 1

Light colour Red

Required components:

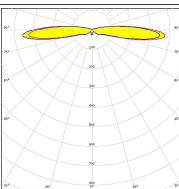




CREE \$\text{LED}

LED XP-G2 HE
FWHM / FWTM 191.0° / 212.0°
Efficiency 95 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White

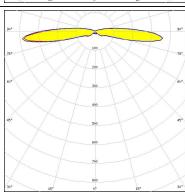
Required components:



CREE - LED

LED XP-G3
FWHM / FWTM 186.0° / 211.0°
Efficiency 94 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White

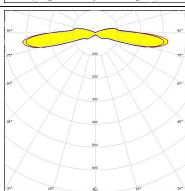
Required components:



CREE + LED

LED XQ-E HI
FWHM / FWTM 183.0° / 221.0°
Efficiency 94 %
Peak intensity 0.3 cd/lm
LEDs/each optic 4
Light colour White

Required components:



CREE - LED

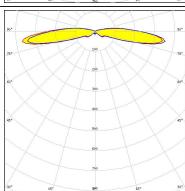
 LED
 XT-E

 FWHM / FWTM
 184.0° / 212.0°

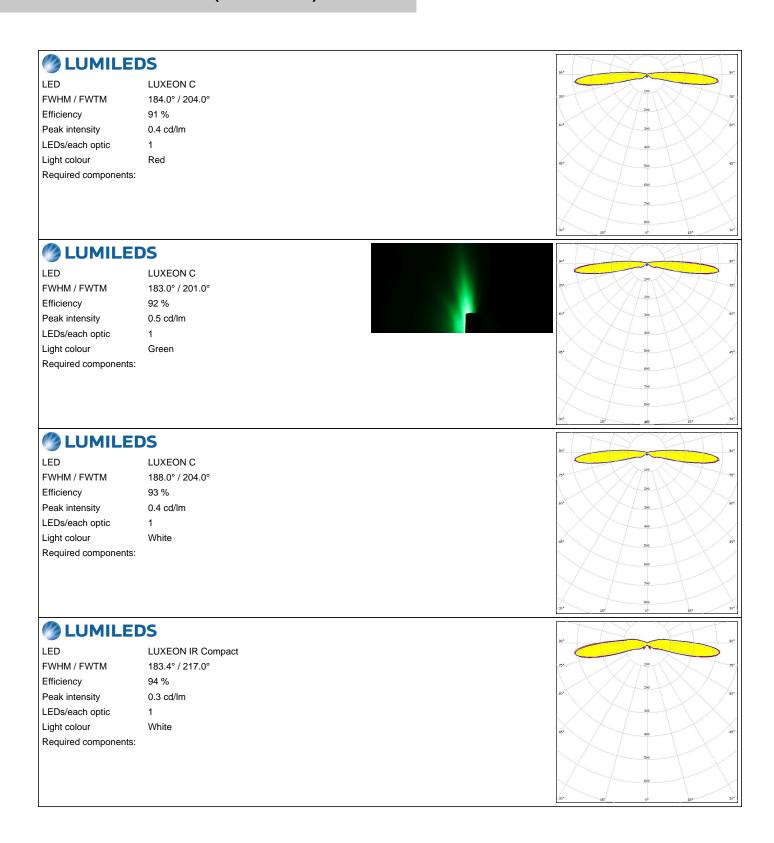
 Efficiency
 95 %

 Peak intensity
 0.4 cd/lm

LEDs/each optic 1
Light colour White
Required components:











LED LUXEON Rebel FWHM / FWTM 180.0° / 182.0°

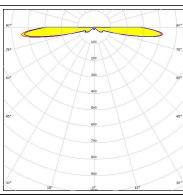
Red

Efficiency 75 %

Peak intensity 0.4 cd/lm

LEDs/each optic 1

Light colour
Required components:

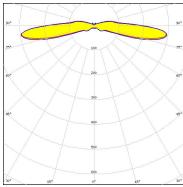


MUMILEDS

LED LUXEON Z FWHM / FWTM 183.4° / 218.0°

Efficiency 89 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1
Light colour White

Required components:

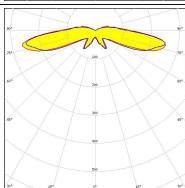


WNICHIA

LED NCSxE17A FWHM / FWTM 180.0° / 226.0°

Efficiency 96 %
Peak intensity 0.3 cd/lm
LEDs/each optic 7
Light colour White

Required components:

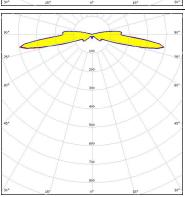


WNICHIA

LED NCSxE17A FWHM / FWTM 173.0° / 208.0°

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

Required components:



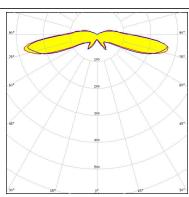




LED NCSxE17A FWHM / FWTM 179.0° / 228.0° Efficiency 96 %

Peak intensity 0.3 cd/lm LEDs/each optic Light colour White

Required components:

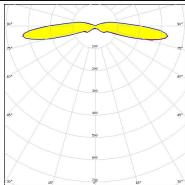


WNICHIA

LED NV4WB35AM FWHM / FWTM 184.0° / 220.0°

Efficiency 95 % Peak intensity 0.3 cd/lm LEDs/each optic 1 White Light colour

Required components:

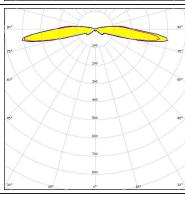


OSRAM Opto Semiconductors

LED OSCONIQ P 3030 FWHM / FWTM 181.0° / 208.0°

Efficiency 95 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour White

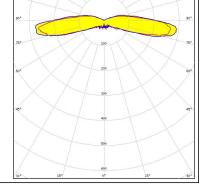
Required components:



OSRAM

OSCONIQ P 7070 LED FWHM / FWTM 192.0° / 226.0°

Efficiency 95 % LEDs/each optic 1 White Light colour Required components:





OSRAM

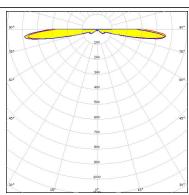
Light colour

LED OSLON SSL 150 FWHM / FWTM 180.0° / 182.0°

Red

Efficiency 78 % Peak intensity 0.5 cd/lm LEDs/each optic

Required components:

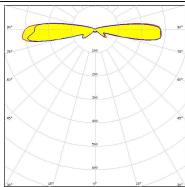


OSRAM

LED OSLON SSL 80 FWHM / FWTM 197.0° / 215.0° Efficiency 96 %

Peak intensity 0.3 cd/lm LEDs/each optic 1 Red Light colour

Required components:

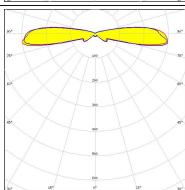


OSRAM Opto Semiconductors

LED OSLON SSL 80 FWHM / FWTM 198.0° / 216.0°

Efficiency 94 % Peak intensity 0.3 cd/lm LEDs/each optic 1 Light colour Blue

Required components:



OSRAM

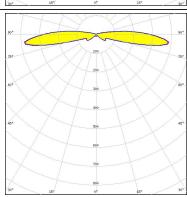
LED

OSTAR Projection Compact (Kx.CSLNM1.xx)

FWHM / FWTM 188.0° / 208.0° Efficiency 96 %

Peak intensity 0.4 cd/lm LEDs/each optic 1 Red Light colour

Required components:



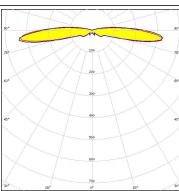


OSRAM

LED SFH 4170S FWHM / FWTM 188.0° / 208.0°

Efficiency 87 % Peak intensity 0.4 cd/lm

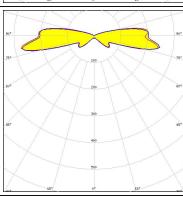
LEDs/each optic Light colour IR Required components:



OSRAM

LED SFH 4715AS FWHM / FWTM 202.0° / 221.0°

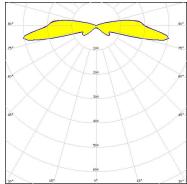
Efficiency 95 % Peak intensity 0.3 cd/lm LEDs/each optic 1 IR Light colour Required components:



OSRAM Opto Semiconductors

LED SFH 4715S FWHM / FWTM 196.0° / 216.0°

Efficiency 95 % Peak intensity 0.3 cd/lm LEDs/each optic 1 Light colour IR



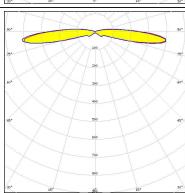
OSRAM

LED

Required components:

SFH 4716AS 184.0° / 207.0°

FWHM / FWTM Efficiency 95 % Peak intensity 0.4 cd/lm LEDs/each optic 1 IR Light colour Required components:





OSRAM

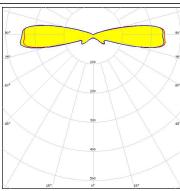
 LED
 SFH 4717AS

 FWHM / FWTM
 207.0° / 224.0°

 Efficiency
 95 %

 Peak intensity
 0.3 cd/lm

LEDs/each optic 1
Light colour IR
Required components:



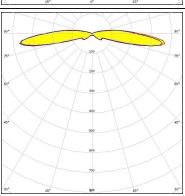
OSRAM

Opto Semiconductor

LED SFH 4770S
FWHM / FWTM 185.0° / 212.0°
Efficiency 95 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1

IR

Light colour
Required components:



SAMSUNG

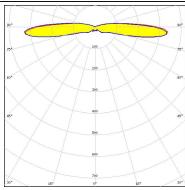
LED LH351D

FWHM / FWTM 190.0° / 216.0°

White

Efficiency 94 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1

Light colour
Required components:



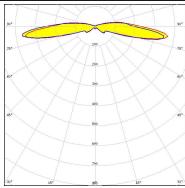
SEOUL SEMICONDUCTOR

LED MJT 3030

FWHM / FWTM 184.0° / 212.0°

Efficiency 95 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White

Required components:









PRODUCT DATASHEET CA15902_VERONICA-SQ-SE

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

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