PRODUCT DATASHEET CA15902_VERONICA-SQ-SE

VERONICA-SQ-SE

~190° side emitter beam

SPECIFICATION:

Dimensions 22.5 x 22.5 mm 11.4 mm Height Fastening tape yes ① **ROHS** compliant



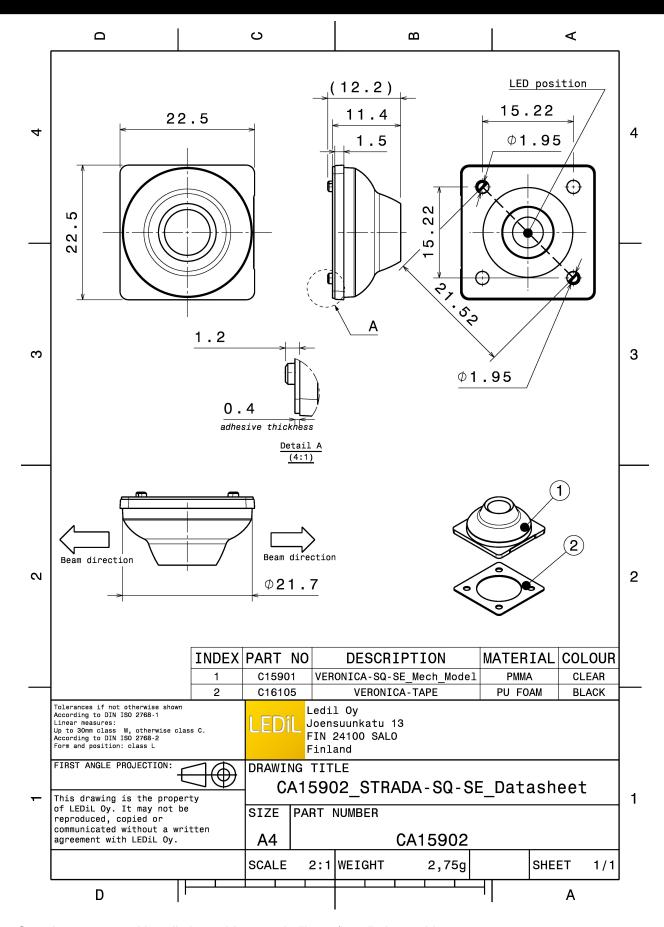
MATERIALS:

Material Colour **Finish** Component **Type VERONICA-SQ-SE** Single lens **PMMA** clear **VERONICA-TAPE** Tape Acrylic foam clear

ORDERING INFORMATION:

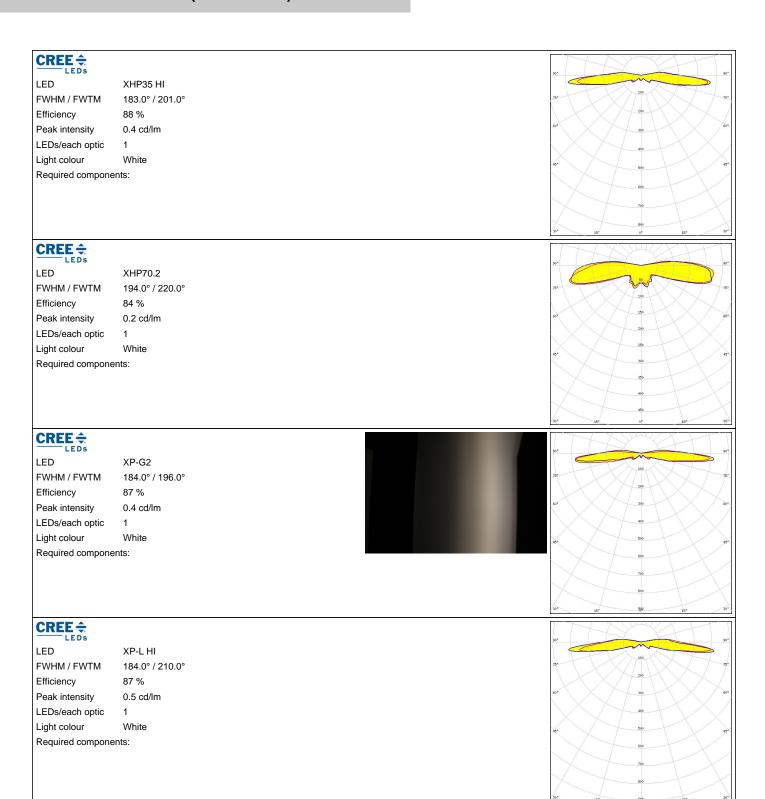
Component Qty in box MOQ **MPQ** Box weight (kg) CA15902_VERONICA-SQ-SE Single lens 3060 360 180 9.6 » Box size: 480 x 280 x 300 mm

PRODUCT DATASHEET CA15902_VERONICA-SQ-SE



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





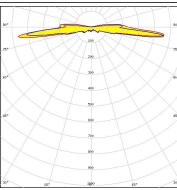


CREE &

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:



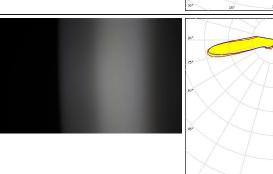
LUMILEDS

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

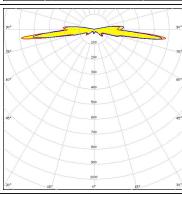
Required components:



DESCRIPTION LUMILEDS

LED LUXEON CZ FWHM / FWTM 173.0° / 200.0°

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

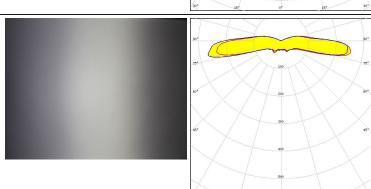


DESCRIPTION LUMILEDS

Required components:

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

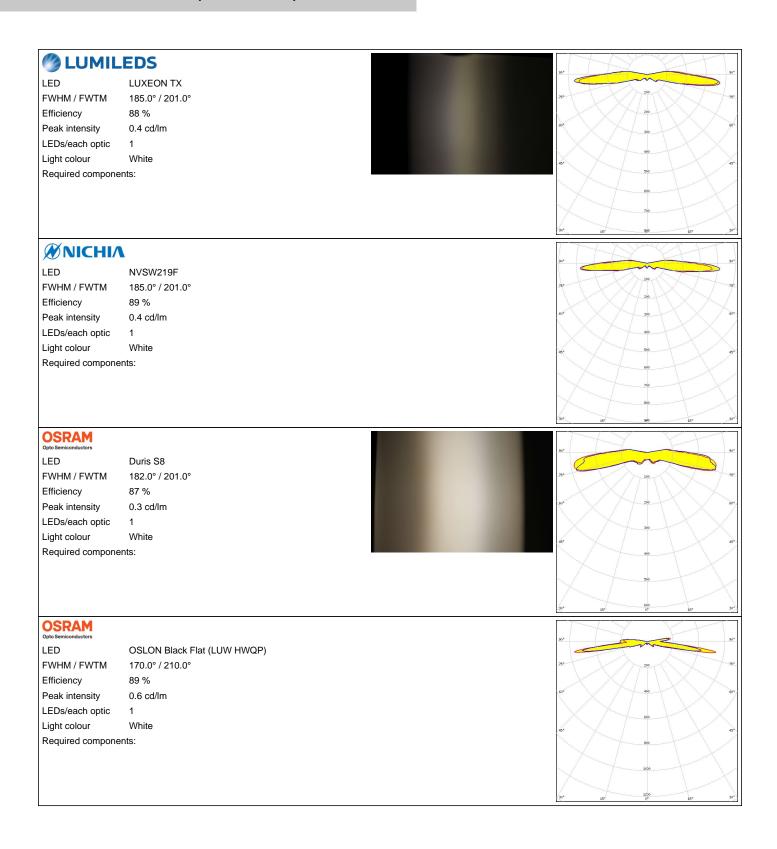
Efficiency 91 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



5/20



OPTICAL RESULTS (MEASURED):

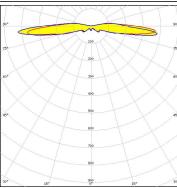




OSRAM

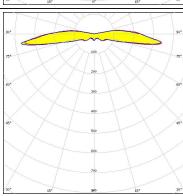
LED OSLON Square CSSRM2/CSSRM3

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

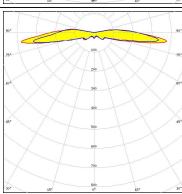


OSRAM Opto Semiconductors

Required components:

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:

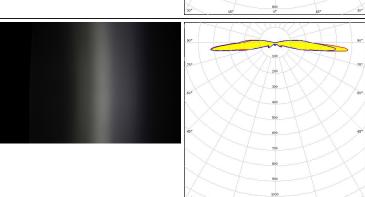


OSRAM

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

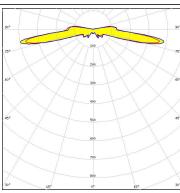
FWHM / FWTM 170.0° / 210.0°

Efficiency 91 %

Peak intensity 0.5 cd/lm LEDs/each optic 1

Light colour White

Required components:



SAMSUNG

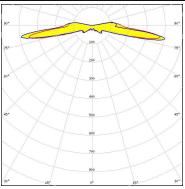
LED LH181B

FWHM / FWTM 171.0° / 201.0°

Efficiency 88 %
Peak intensity 0.5 cd/lm

LEDs/each optic 1

Light colour White Required components:



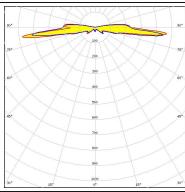
SEOUL SEMICONDUCTOR

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

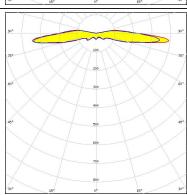
LED Z5M3

FWHM / FWTM 184.0° / 201.0°

White

Efficiency 89 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1

Light colour W
Required components:



PRODUCT DATASHEET CA15902_VERONICA-SQ-SE

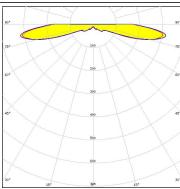
OPTICAL RESULTS (SIMULATED):

CREE &

LED J Series 5050 Round LES

 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 180.0° / 182.0° Efficiency 75 % Peak intensity 0.3 cd/lm LEDs/each optic Light colour White

Required components:

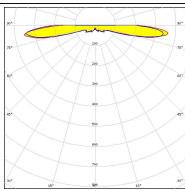


CREE &

LED J Series 5050B 30V K Class

FWHM / FWTM 180.0° / 182.0° Efficiency 75 % Peak intensity 0.4 cd/lm LEDs/each optic 1 White Light colour

Required components:

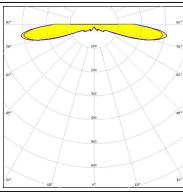


CREE +

LED J Series 5050B 6V K Class

FWHM / FWTM 180.0° / 182.0° Efficiency 75 % Peak intensity 0.3 cd/lm LEDs/each optic 1 Light colour White

Required components:



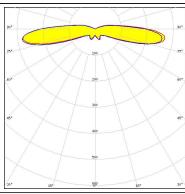
CREE \$

Light colour

XD16 FWHM / FWTM 188.0° / 223.0° Efficiency 94 % Peak intensity 0.3 cd/lm LEDs/each optic

White

Required components:







LED XE-G

Blue

 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$

184.0° / 204.0°

Efficiency

96 %

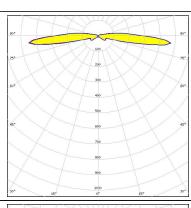
Peak intensity

0.5 cd/lm

LEDs/each optic

Light colour

Required components:



CREE &

LED

XE-G

FWHM / FWTM

184.0° / 200.0°

Efficiency Peak intensity 94 %

0.5 cd/lm

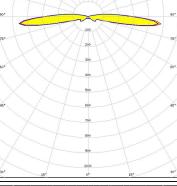
LEDs/each optic

1

Light colour

Green

Required components:



CREE +

LED

XE-G

FWHM / FWTM

182.0° / 204.0°

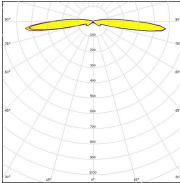
Efficiency Peak intensity 96 %

0.5 cd/lm

LEDs/each optic Light colour

1 White

Required components:



CREE \$

Efficiency

XE-G

FWHM / FWTM

180.0° / 204.0°

Peak intensity

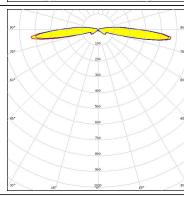
96 %

LEDs/each optic

0.5 cd/lm 1

Light colour Required components:

Red







LED XHP35 HD

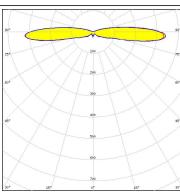
FWHM / FWTM 194.0° / 216.0° Efficiency 94 %

Peak intensity 0.4 cd/lm

LEDs/each optic 1

Light colour White

Required components:



CREE &

LED XHP70

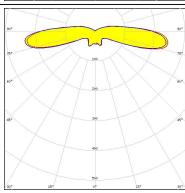
FWHM / FWTM 190.0° / 232.0°

Efficiency 94 %

Peak intensity 0.3 cd/lm LEDs/each optic 1

Light colour White

Required components:



CREE +

LED XP-E2

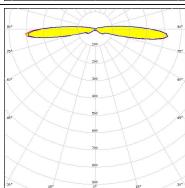
FWHM / FWTM 188.0° / 206.0°

Efficiency 95 %

Peak intensity 0.4 cd/lm

LEDs/each optic 1
Light colour Red

Required components:



CREE \$

LED XP-G2 HE

FWHM / FWTM 191.0° / 212.0°

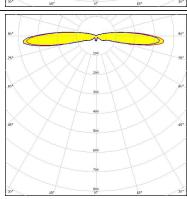
Efficiency 95 %

Peak intensity 0.4 cd/lm

Light colour White

Required components:

LEDs/each optic





CREE &

 LED
 XP-G3

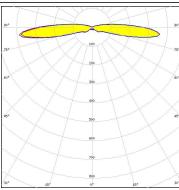
 FWHM / FWTM
 186.0° / 211.0°

 Efficiency
 94 %

 Peak intensity
 0.4 cd/lm

LEDs/each optic 1
Light colour White

Required components:

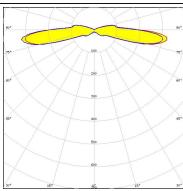


CREE &

LED 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:



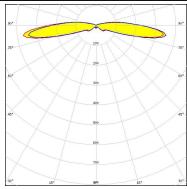
CREE \$

LED XT-E

FWHM / FWTM 184.0° / 212.0° Efficiency 95 %

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

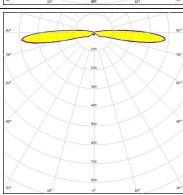
Required components:



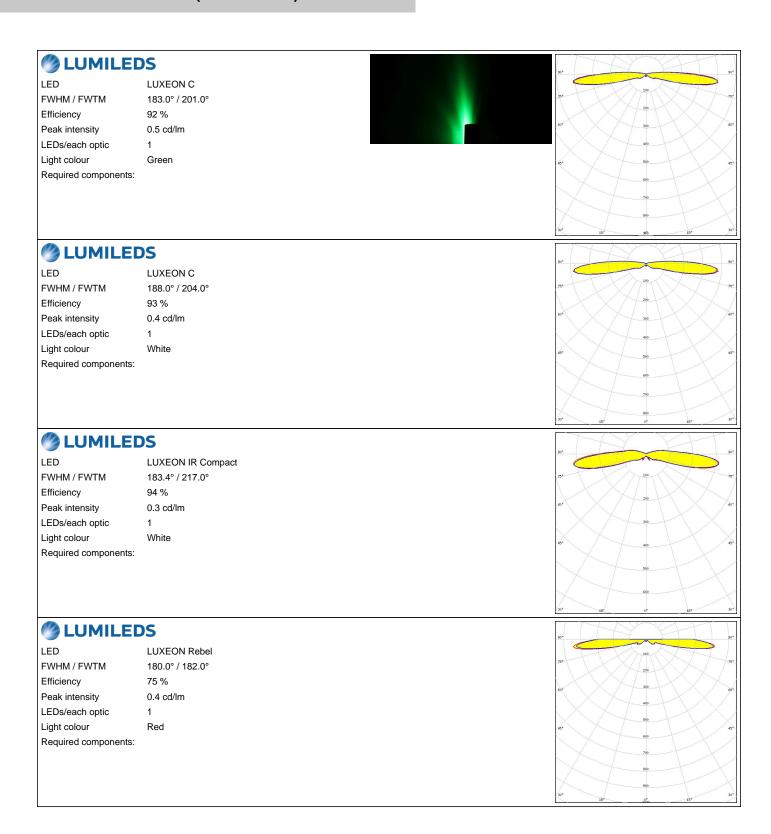
DESCRIPTION LUMILEDS

LED LUXEON C FWHM / FWTM 184.0° / 204.0°

Efficiency 91 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour Red
Required components:











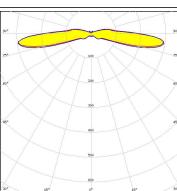
LED LUXEON Z FWHM / FWTM 183.4° / 218.0°

Efficiency 89 %

Peak intensity 0.3 cd/lm LEDs/each optic 1

Light colour White

Required components:

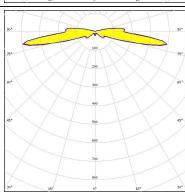


WNICHIA

LED NCSxE17A FWHM / FWTM 173.0° / 208.0°

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

Required components:



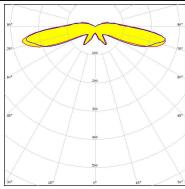
WNICHIA

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:

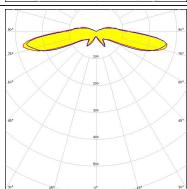


WNICHIA

LED NCSxE17A FWHM / FWTM 179.0° / 228.0°

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

Required components:



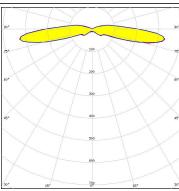




LED NV4WB35AM FWHM / FWTM 184.0° / 220.0° Efficiency 95 % Peak intensity 0.3 cd/lm LEDs/each optic

White

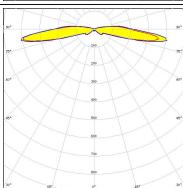
Required components:



OSRAM

Light colour

LED OSCONIQ P 3030 FWHM / FWTM 181.0° / 208.0° Efficiency 95 % Peak intensity 0.4 cd/lm LEDs/each optic 1 White Light colour Required components:



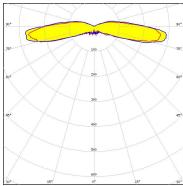
OSRAM Opto Semiconducto

LED

FWHM / FWTM 192.0° / 226.0° Efficiency 95 % LEDs/each optic 1 Light colour White

OSCONIQ P 7070

Required components:

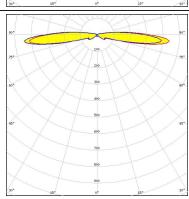


OSRAM

LED

OSLON Signal FWHM / FWTM 186.0° / 203.0° Efficiency 95 % Peak intensity 0.5 cd/lm LEDs/each optic Red Light colour

Required components:



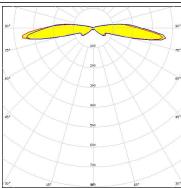


OSRAM

LED OSLON SSL 120 FWHM / FWTM 188.0° / 212.0°

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

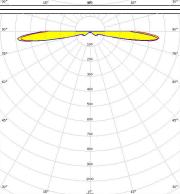
Required components:



OSRAM

OSLON SSL 150 LED FWHM / FWTM 180.0° / 182.0° Efficiency 78 % Peak intensity 0.5 cd/lm

LEDs/each optic 1 Red Light colour Required components:

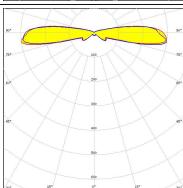


OSRAM Opto Semiconductors

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

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

Light colour Required components:

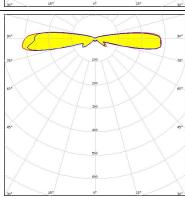


OSRAM

LED

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

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



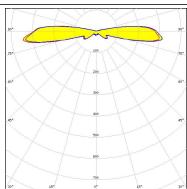


OSRAM

LED OSLON SSL 80 195.0° / 206.0°

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

Required components:



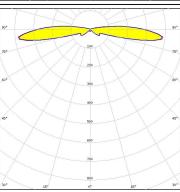
OSRAM

LED OSTAR Projection Compact (KW.CSLNM1.TG)

FWHM / FWTM 188.0° / 208.0° Efficiency 96 % Peak intensity 0.4 cd/lm

LEDs/each optic 1 Red Light colour

Required components:

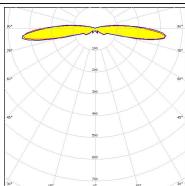


OSRAM Opto Semiconductors

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

Efficiency 87 % Peak intensity 0.4 cd/lm LEDs/each optic 1 Light colour IR

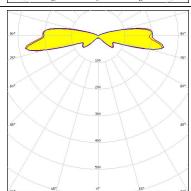
Required components:



OSRAM

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

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

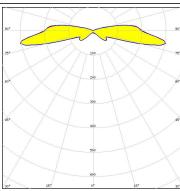




OSRAM

LED SFH 4715S FWHM / FWTM 196.0° / 216.0° Efficiency 95 %

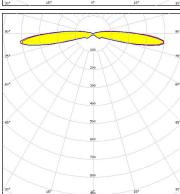
Peak intensity 0.3 cd/lm LEDs/each optic Light colour IR Required components:



OSRAM

LED SFH 4716AS FWHM / FWTM 184.0° / 207.0° Efficiency 95 %

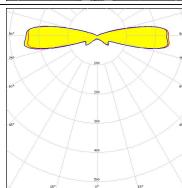
Peak intensity 0.4 cd/lm LEDs/each optic 1 IR Light colour Required components:



OSRAM Opto Semiconductors

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:

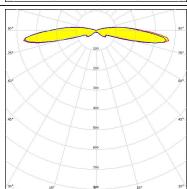


OSRAM

LED FWHM / FWTM

SFH 4770S 185.0° / 212.0°

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





SAMSUNG

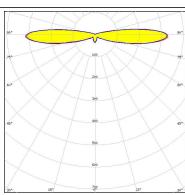
LED LH351C FWHM / FWTM 196.0° / 215.0°

Efficiency 96 %
Peak intensity 0.3 cd/lm
LEDs/each optic 1

White

Required components:

Light colour

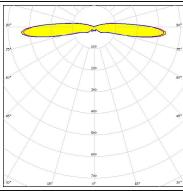


SAMSUNG

LED LH351D FWHM / FWTM 190.0° / 216.0°

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

Required components:

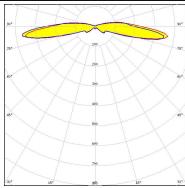


SEOUL SEMICONDUCTOR

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:



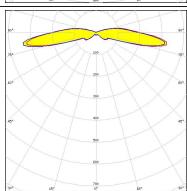
SEOUL SEMICONDUCTOR

LED Z5M4

FWHM / FWTM 184.0° / 216.0°

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

Required components:







LED Z8Y22P FWHM / FWTM 181.4° / 210.6° Efficiency 94 % Peak intensity 0.4 cd/lm LEDs/each optic 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:

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