VERONICA-SQ-WG

Narrow asymmetric spot beam for wall grazing

SPECIFICATION:

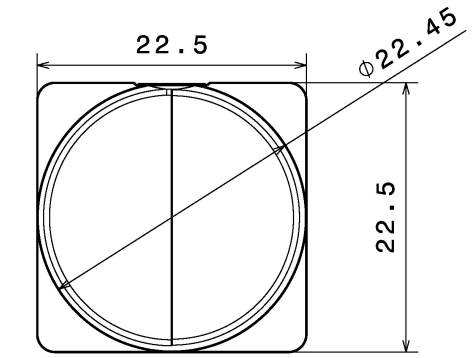
Dimensions	Ø 22.5
Height	13.6 mm
Fastening	tape, pin
ROHS compliant	yes

MATERIALS:

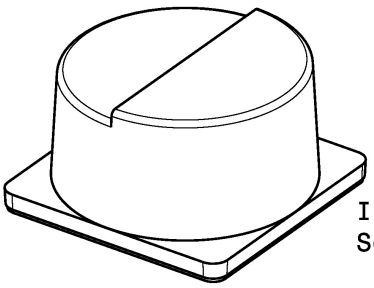
Component	Type	Material	Colour	Finish	Length (mm)
VERONICA-SQ-WG	Single lens	PMMA	clear	matt	
VERONICA-TAPE	Tape	Acryl tape	clear		

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA18277_VERONICA-SQ-WG » Box size: 476 x 273 x 197 mm	Single lens	1980	360	180	8.4

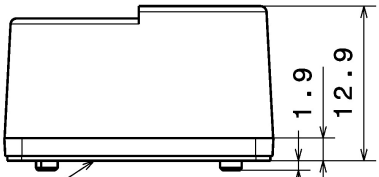


Top View
Scale: 2:1



Isometric View
Scale: 2:1

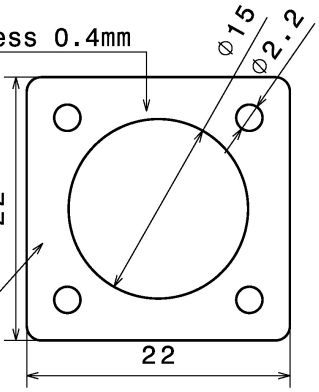
DATE
18.07.2022



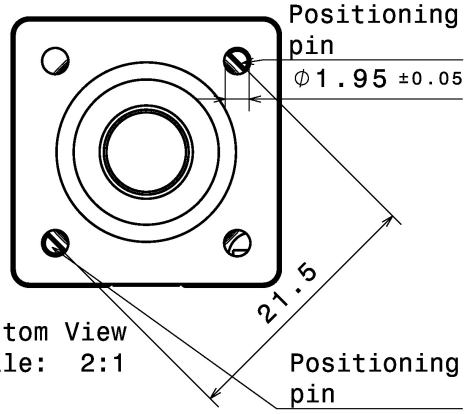
Tape

Front View
Scale: 2:1

Thickness 0.4mm

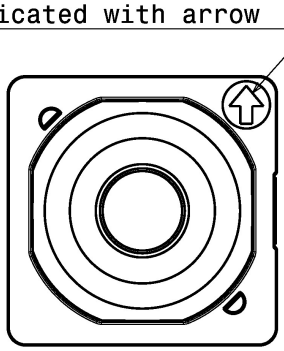


Tape



Bottom View
Scale: 2:1

Light pattern direction indicated with arrow



CA18277_VERONICA-SQ-WG

COMPONENTS

INDEX	PART	TYPE	MATERIAL	COLOR / COATING
1	C18276_VERONICA-SQ-WG		PMMA	Clear
2	C13729_VERONICA-SQ-TAPE		Tape	Grey

MECHANICAL DRAWING

PRODUCT VERONICA

LEDiL

Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing.

FIRST ANGLE PROJECTION:

SCALE 2:1 | WEIGHT 3.8g | A4 SHEET 1/1

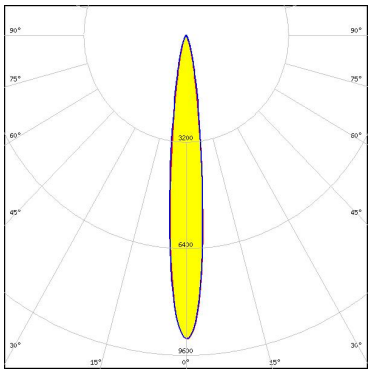
See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

CREE LEDs

LED	XT-E
FWHM / FWTM	Asymmetric
Efficiency	91 %
Peak intensity	9.1 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:

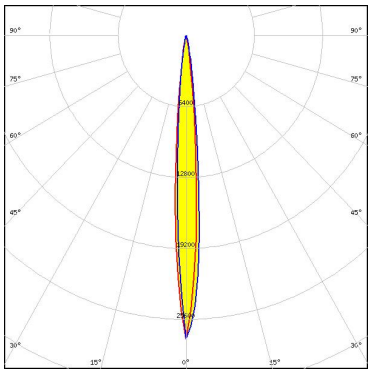


Light distribution files

OPTICAL RESULTS (SIMULATED):

CREE LEDs

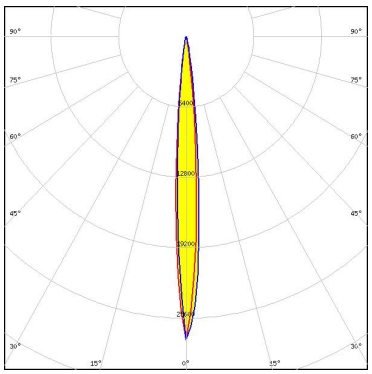
LED	XP-P
FWHM / FWTM	Asymmetric
Efficiency	96 %
Peak intensity	27.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

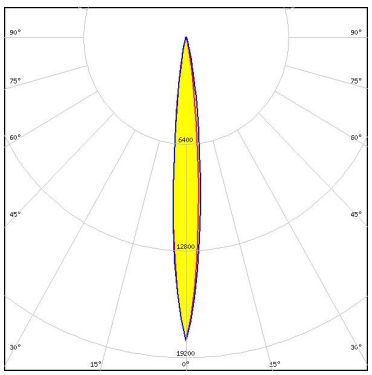
LED	XQ-E HI
FWHM / FWTM	Asymmetric
Efficiency	96 %
Peak intensity	27.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

NICHIA

LED	NCSxE17A
FWHM / FWTM	Asymmetric
Efficiency	96 %
Peak intensity	18.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

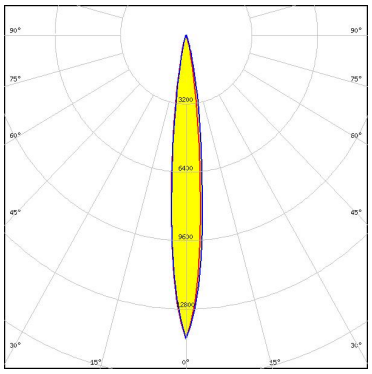


Light distribution files

OPTICAL RESULTS (SIMULATED):

NICHIA

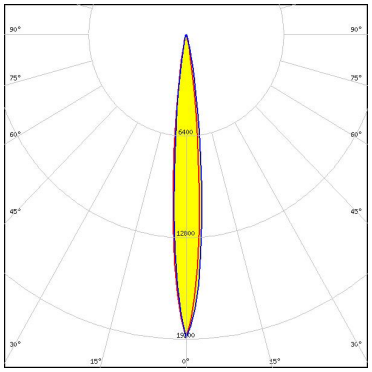
LED	NVSxE21A
FWHM / FWTM	Asymmetric
Efficiency	96 %
Peak intensity	14.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

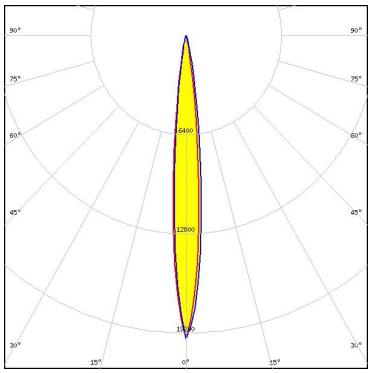
LED	SYNIOS S2222
FWHM / FWTM	Asymmetric
Efficiency	96 %
Peak intensity	19.1 cd/lm
LEDs/each optic	1
Light colour/type	Blue
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

LED	SYNIOS S2222
FWHM / FWTM	Asymmetric
Efficiency	96 %
Peak intensity	19.6 cd/lm
LEDs/each optic	1
Light colour/type	Green
Required components:	

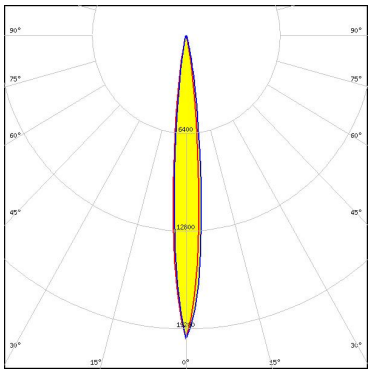


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

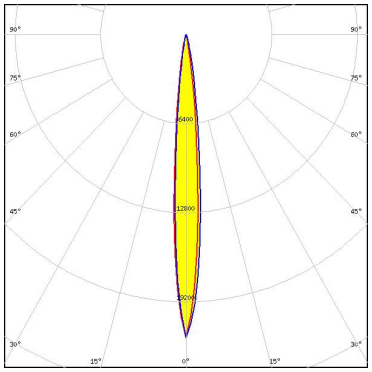
LED	SYNIOS S2222
FWHM / FWTM	Asymmetric
Efficiency	96 %
Peak intensity	19.9 cd/lm
LEDs/each optic	1
Light colour/type	Blue
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

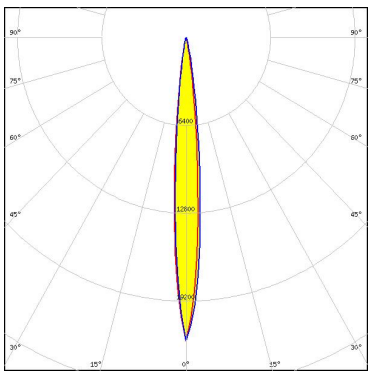
LED	SYNIOS S2222
FWHM / FWTM	Asymmetric
Efficiency	96 %
Peak intensity	21.8 cd/lm
LEDs/each optic	1
Light colour/type	Red
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

LED	SYNIOS S2222
FWHM / FWTM	Asymmetric
Efficiency	96 %
Peak intensity	22.1 cd/lm
LEDs/each optic	1
Light colour/type	Yellow
Required components:	



Light distribution files

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.

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