


VERONICA-SQ-MINI-W

~55° wide beam

TECHNICAL SPECIFICATIONS:

Dimensions	13.9 mm
Height	8.9 mm
Fastening	tape, pin
ROHS compliant	yes 

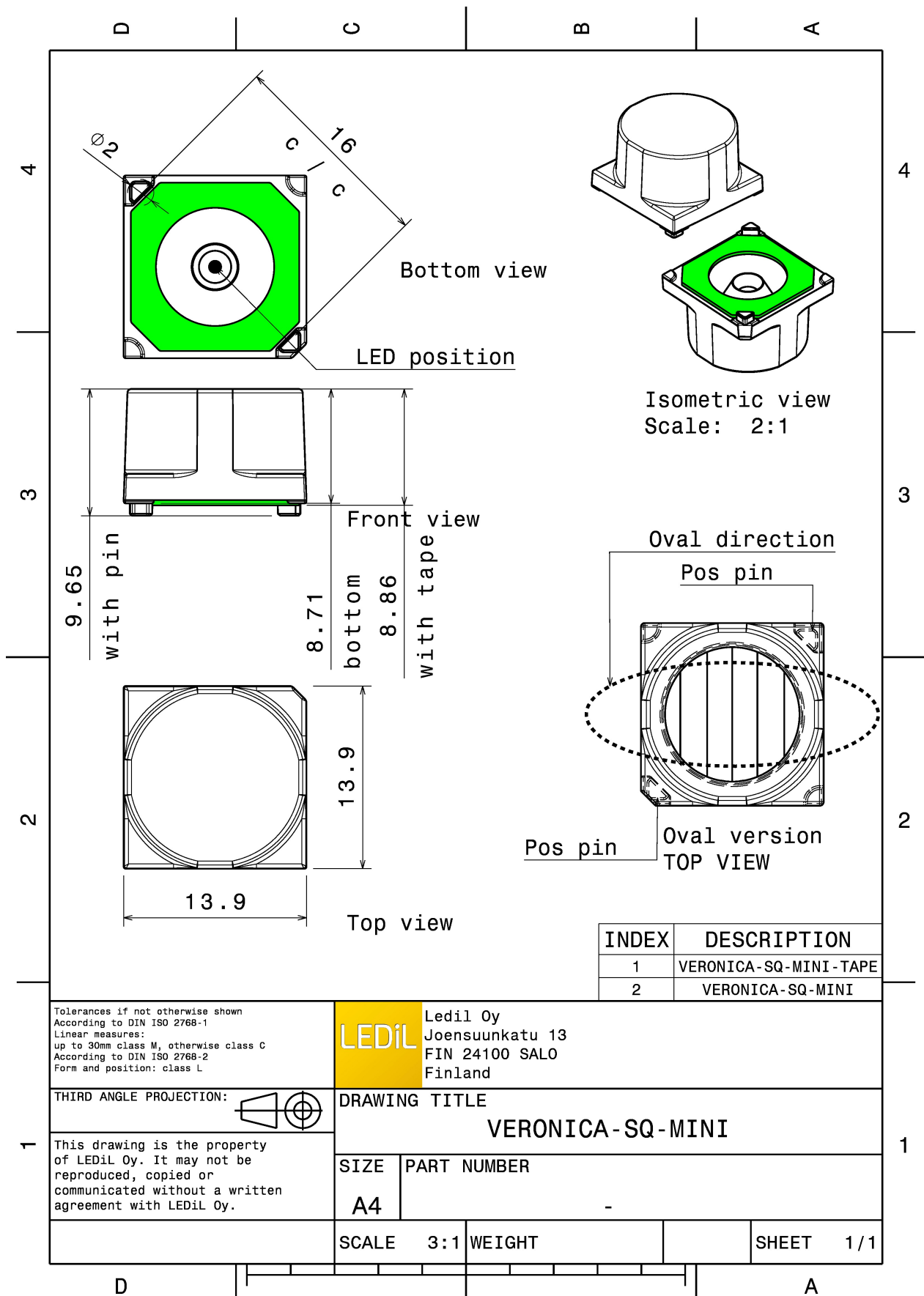
MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA15231_VERONICA-SQ-MINI-W	Single lens	5544	252	252	8.6
» Box size: 480 x 280 x 300 mm					

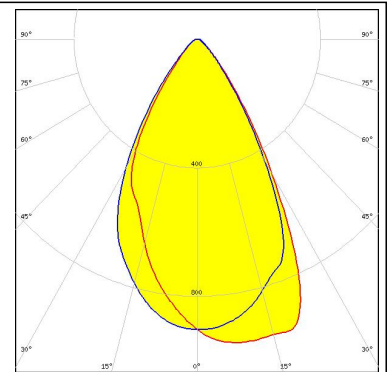
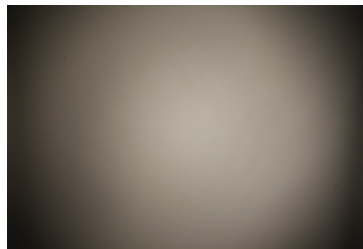




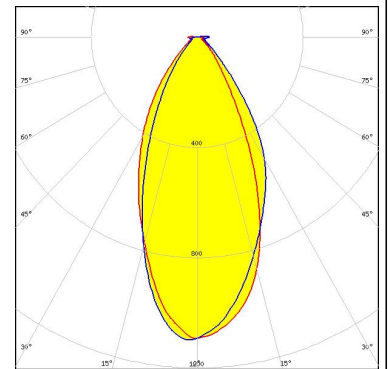
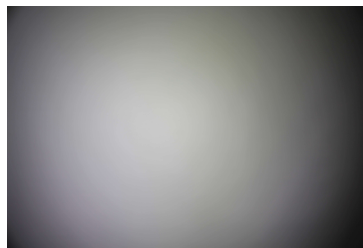
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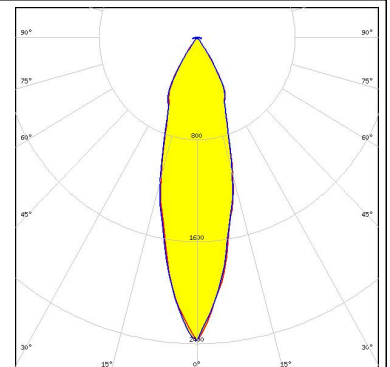
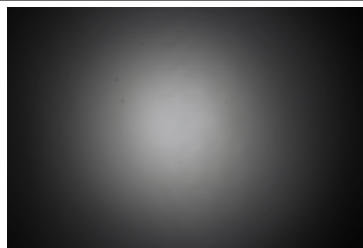
LED XP-G2
FWHM 56.8°
Efficiency 91 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



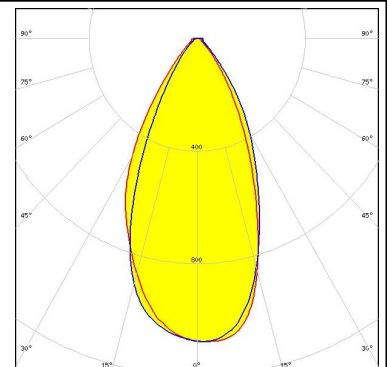
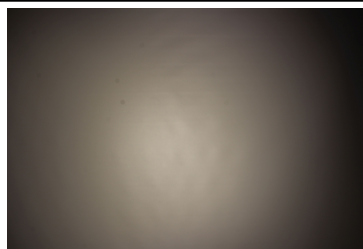
LED XP-G3
FWHM 49.0°
Efficiency 94 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NCSxE17A
FWHM 28.0°
Efficiency 91 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSxx19B/NVSxx19C
FWHM 50.0°
Efficiency 92 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

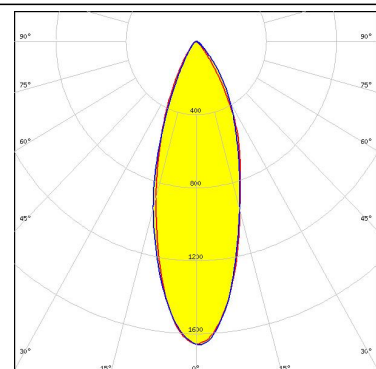
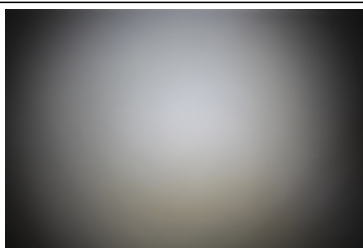


PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

LED Duris S5 (2 chip)
FWHM 34.0°
Efficiency 82 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

LED SFH 4170S
FWHM 31.0°
Efficiency %
LEDs/each optic 1
Light colour IR
Required components:

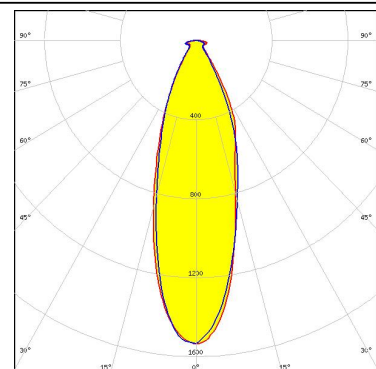
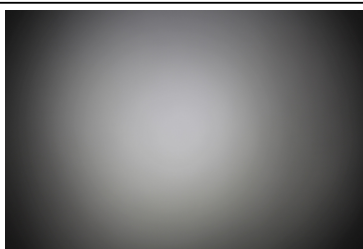
OSRAM

Opto Semiconductors

LED SFH 4180S
FWHM 30.0°
Efficiency %
LEDs/each optic 1
Light colour IR
Required components:

SAMSUNG

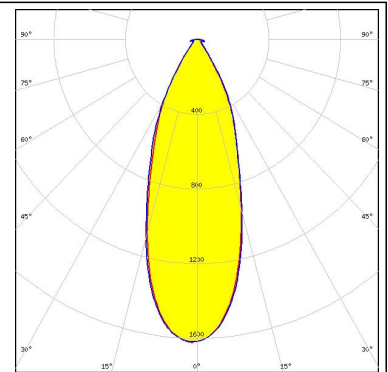
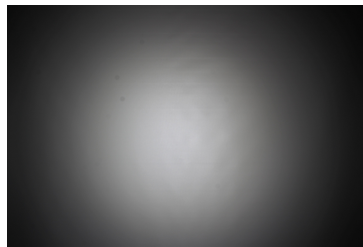
LED LH181A
FWHM 32.0°
Efficiency 89 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

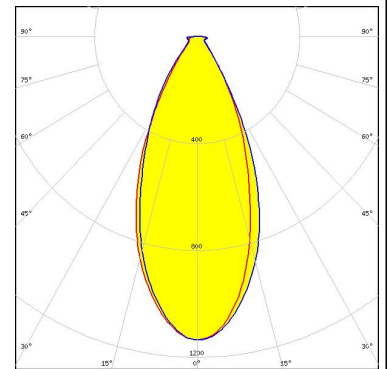
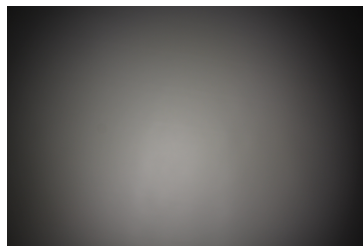
SAMSUNG

LED LH181B
FWHM 37.0°
Efficiency 94 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEAGULL

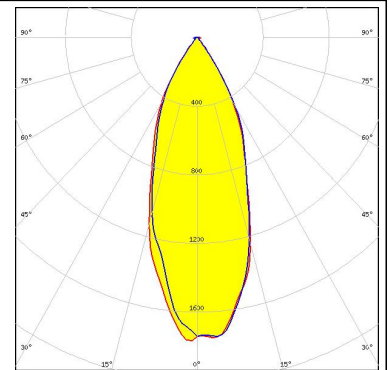
LED Z8Y22P
FWHM 46.0°
Efficiency 92 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):



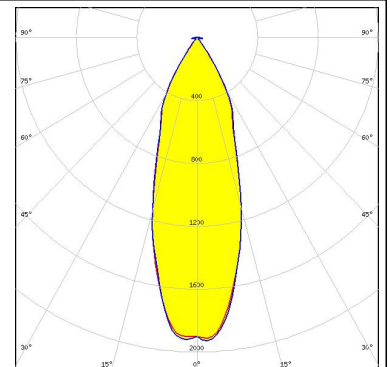
LED J Series 3030
FWHM 38.0°
Efficiency 96 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



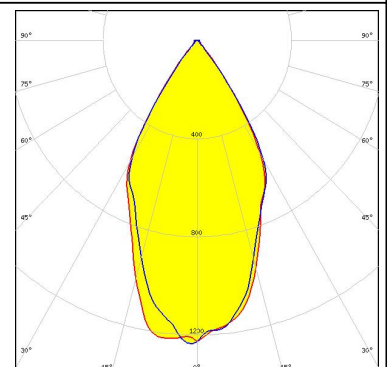
LED XQ-E HD
FWHM 48.0°
Efficiency 96 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSxE21A
FWHM 34.0°
Efficiency 94 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



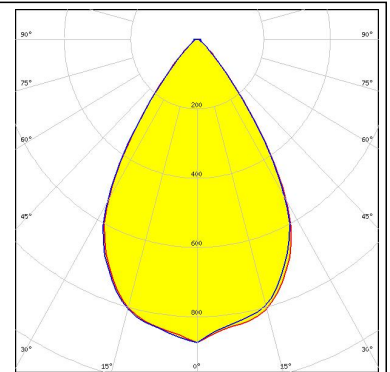
LED OSLOM Square CSSRM2/CSSRM3
FWHM 57.0°
Efficiency 97 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

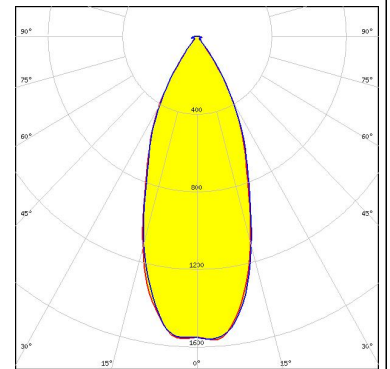
SAMSUNG

LED LH351B
FWHM 65.0°
Efficiency 94 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEAGULL

LED Z8Y22T
FWHM 41.0°
Efficiency 94 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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:

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