

VERONICA-RS

~12° spot beam

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 26.0 mm
Height	12.2 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

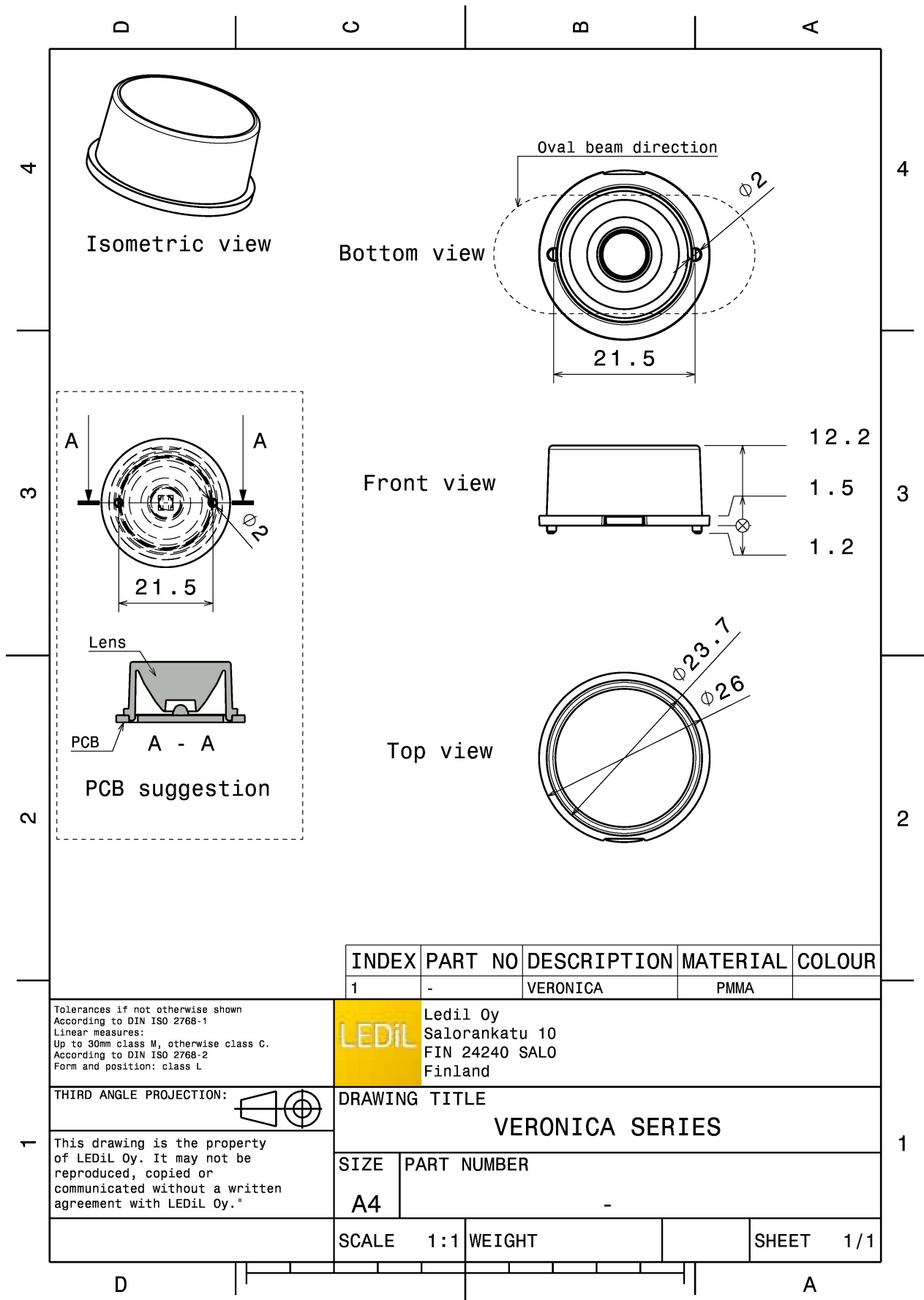
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
VERONICA-RS	Single lens	PMMA	clear	




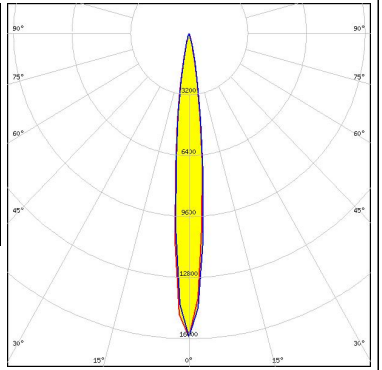

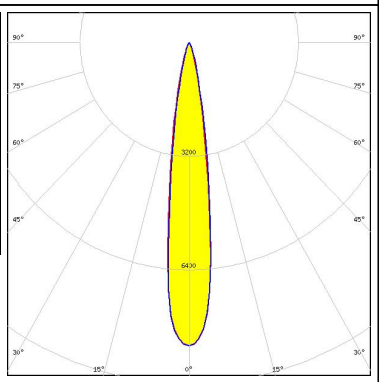

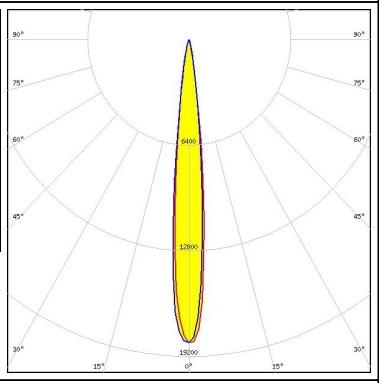

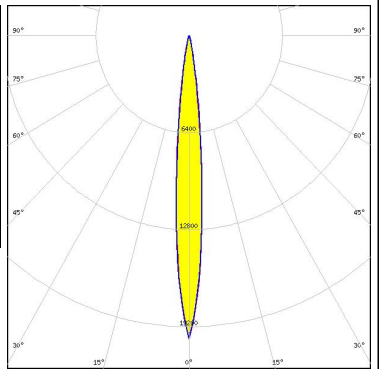
ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C13528_VERONICA-RS » Box size: 480 x 280 x 300 mm	2240	336	112	11.1



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

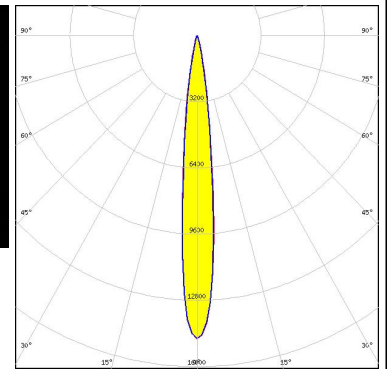
PHOTOMETRIC DATA (MEASURED):

<p>CREE → LED</p> <p>LED XB-H FWHM / FWTM 11.0° / 24.0° Efficiency 89 % Peak intensity 15.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE → LED</p> <p>LED XM-L2 FWHM / FWTM 16.0° / 32.0° Efficiency 90 % Peak intensity 8.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE → LED</p> <p>LED XP-G FWHM / FWTM 12.0° / 22.0° Efficiency 90 % Peak intensity 18.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE → LED</p> <p>LED XP-G2 FWHM / FWTM 10.0° / 21.0° Efficiency 90 % Peak intensity 19 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

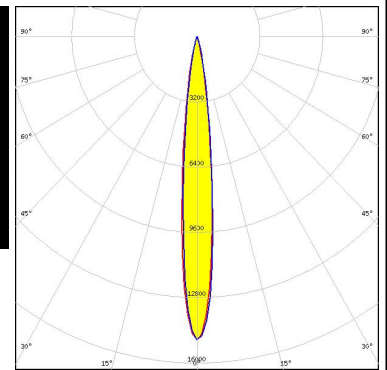
LUMILEDS

LED LUXEON A
 FWHM / FWTM 13.0° / 25.0°
 Efficiency 89 %
 Peak intensity 14.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



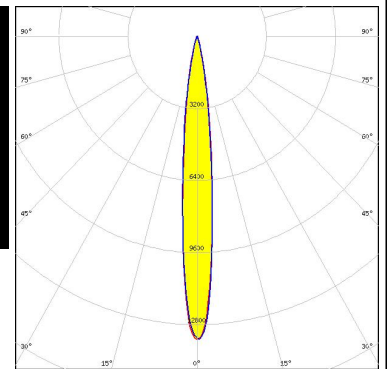
LUMILEDS

LED LUXEON Rebel
 FWHM / FWTM 12.0° / 25.0°
 Efficiency 88 %
 Peak intensity 14.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



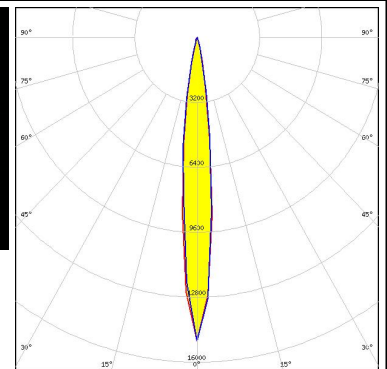
LUMILEDS

LED LUXEON V2
 FWHM / FWTM 12.0° / 25.0°
 Efficiency 94 %
 Peak intensity 13.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



NICHIA

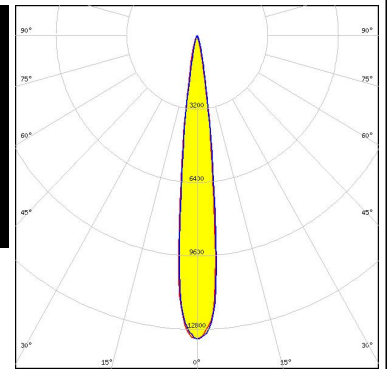
LED NCSxx19A
 FWHM / FWTM 13.0° / 25.0°
 Efficiency 86 %
 Peak intensity 15 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



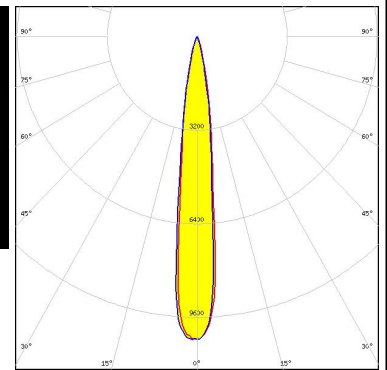
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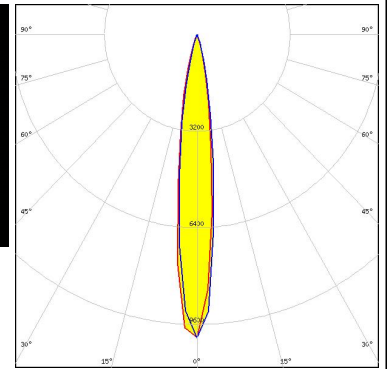
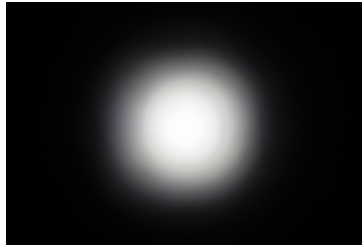
LED NVSW219F
 FWHM / FWTM 13.0° / 24.0°
 Efficiency 94 %
 Peak intensity 13.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



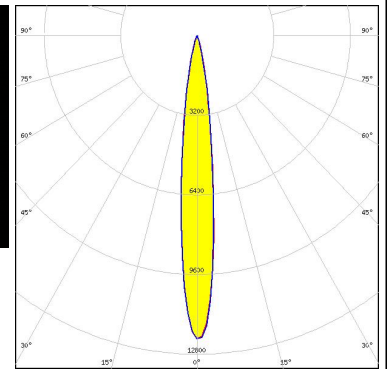
LED NVSW3x9A
 FWHM / FWTM 13.0° / 28.0°
 Efficiency 89 %
 Peak intensity 10.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NVSxx19A
 FWHM / FWTM 14.0° / 31.0°
 Efficiency 85 %
 Peak intensity 10 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



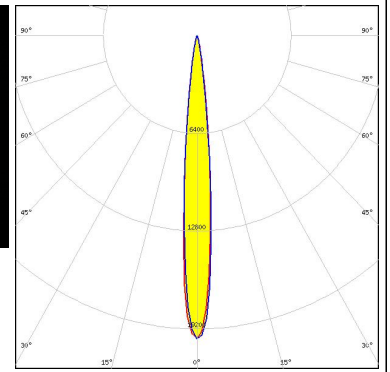
LED NVSxx19B/NVSxx19C
 FWHM / FWTM 13.0° / 28.0°
 Efficiency 87 %
 Peak intensity 12.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

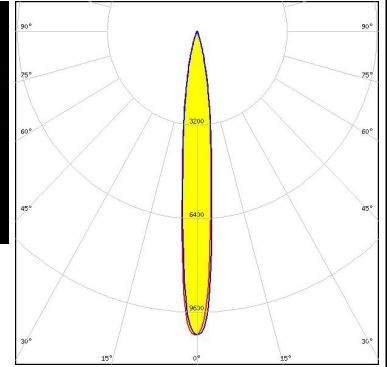
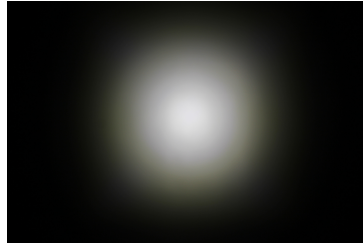
SAMSUNG

LED LH351Z
 FWHM / FWTM 11.0° / 21.0°
 Efficiency 89 %
 Peak intensity 19.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR

LED Z8Y22P
 FWHM / FWTM 11.0° / 29.0°
 Efficiency 87 %
 Peak intensity 10.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

<p>CREE LED</p> <p>LED: XP-G2 HE FWHM / FWTM: 14.0° / 26.0° Efficiency: 97 % Peak intensity: 12.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>NICHIA</p> <p>LED: NCSxE17A FWHM / FWTM: 8.0° / 18.0° Efficiency: 94 % Peak intensity: 28.8 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>NICHIA</p> <p>LED: NV4WB35AM FWHM / FWTM: 18.0° / 31.0° Efficiency: 96 % Peak intensity: 8 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>NICHIA</p> <p>LED: NV4WB35AM FWHM / FWTM: 18.0° / 31.0° Efficiency: 97 % Peak intensity: 8.1 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

<p>NICHIA</p> <p>LED: NVSW519A FWHM / FWTM: 16.0 + 15.0° / 30.0 + 29.0° Efficiency: 95 % Peak intensity: 9.2 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>NICHIA</p> <p>LED: NVSxE21A FWHM / FWTM: 10.0° / 21.0° Efficiency: 95 % Peak intensity: 20.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED: OSCONIQ P 3737 (3W version) FWHM / FWTM: 15.0° / 28.0° Efficiency: 94 % Peak intensity: 10.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED: OSOLON Square CSSRM2/CSSRM3 FWHM / FWTM: 9.9° / 20.0° Efficiency: 94 % Peak intensity: 21.3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

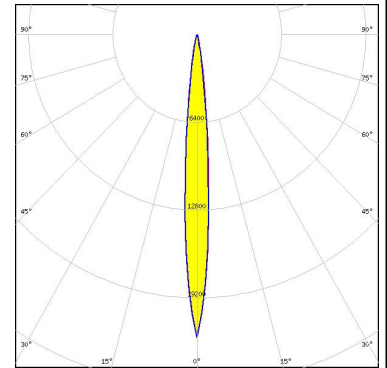
SAMSUNG

LED LH351B
 FWHM / FWTM 12.0°
 Efficiency %
 LEDs/each optic 1
 Light colour White
 Required components:



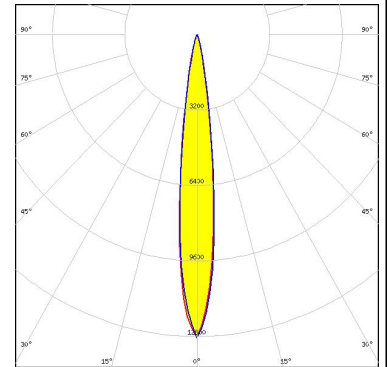
SEOUL SEMICONDUCTOR

LED MJT 3030
 FWHM / FWTM 10.0° / 20.0°
 Efficiency 96 %
 Peak intensity 22.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR

LED Z5M4
 FWHM / FWTM 14.0° / 26.0°
 Efficiency 96 %
 Peak intensity 12.9 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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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

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