

## VERONICA-RS

~12° spot beam

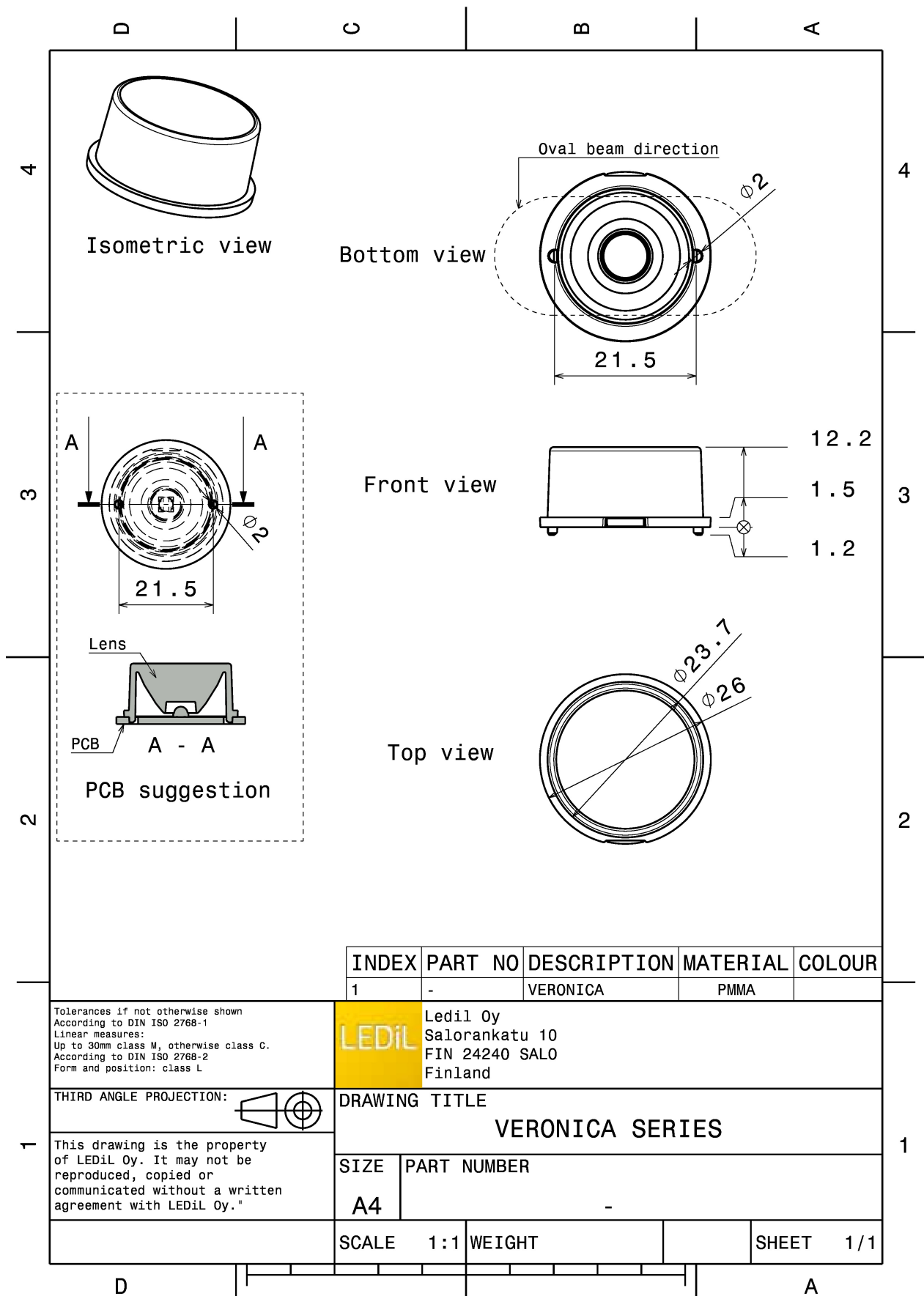
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 26.0 mm
Height	12.2 mm
Fastening	glue, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	10.1 kg
Quantity in Box	1980 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

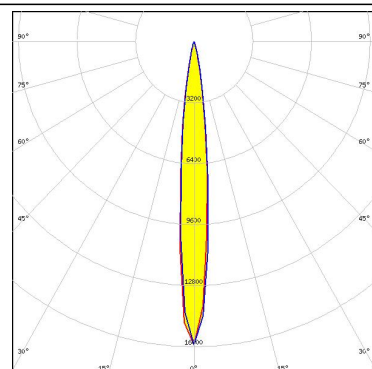
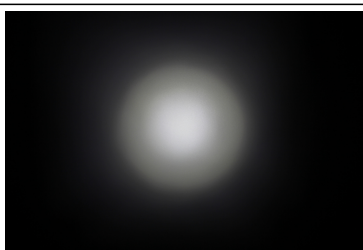
Component	Type	Material	Colour
VERONICA-RS	Single lens	PMMA	clear



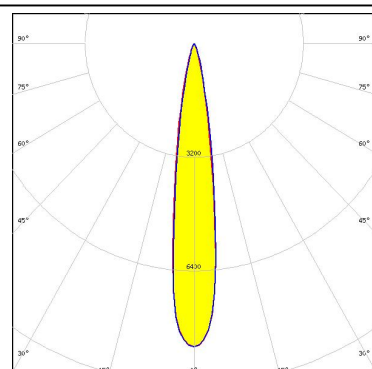
#### PHOTOMETRIC DATA (MEASURED):



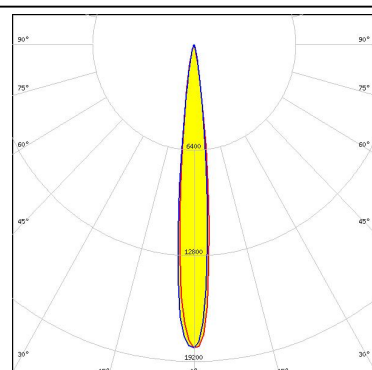
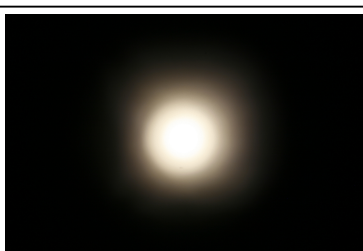
LED XB-H  
FWHM 11.0°  
Efficiency 89 %  
Peak intensity 15.900 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



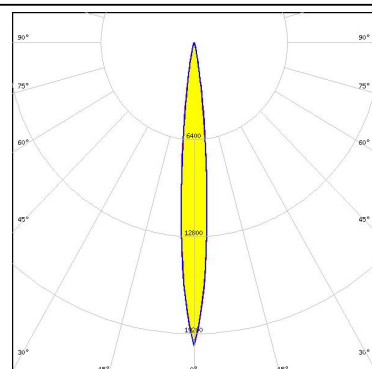
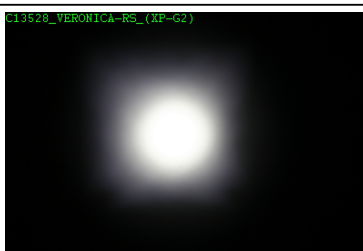
LED XM-L2  
FWHM 16.0°  
Efficiency 90 %  
Peak intensity 8.500 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED XP-G  
FWHM 12.0°  
Efficiency 90 %  
Peak intensity 18.400 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



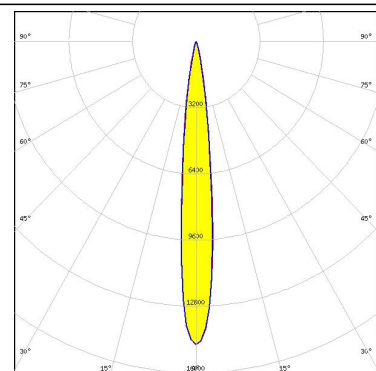
LED XP-G2  
FWHM 10.0°  
Efficiency 90 %  
Peak intensity 19.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

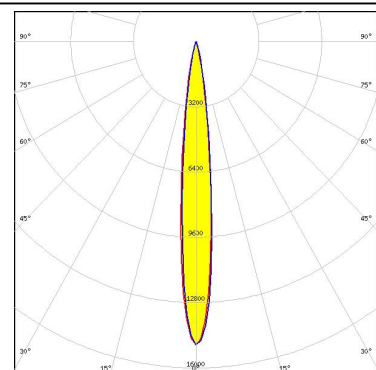
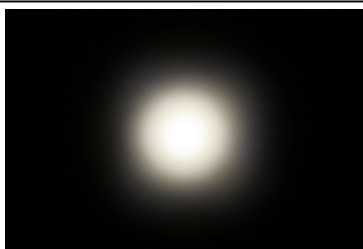
##### LUMILEDS

LED LUXEON A  
FWHM 13.0°  
Efficiency 89 %  
Peak intensity 14.700 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



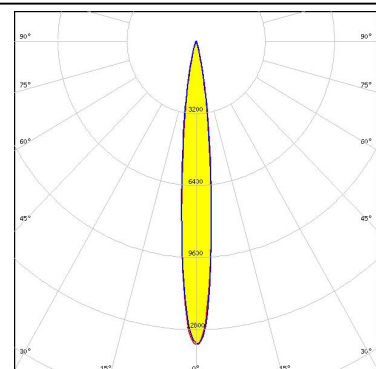
##### LUMILEDS

LED LUXEON Rebel  
FWHM 12.0°  
Efficiency 88 %  
Peak intensity 14.900 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



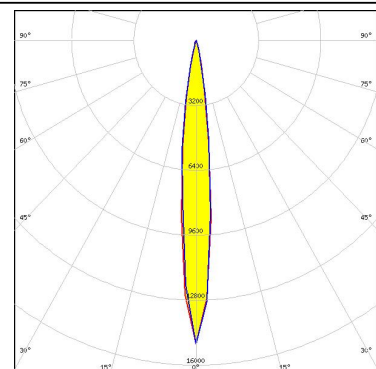
##### LUMILEDS

LED LUXEON V2  
FWHM 12.0°  
Efficiency 94 %  
Peak intensity 13.500 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### NICHIA

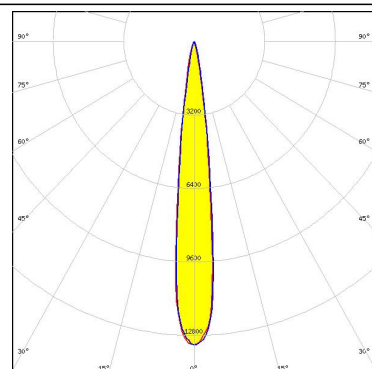
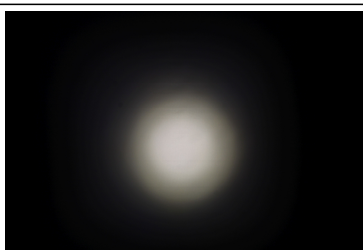
LED NCSxx19A  
FWHM 13.0°  
Efficiency 86 %  
Peak intensity 15.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



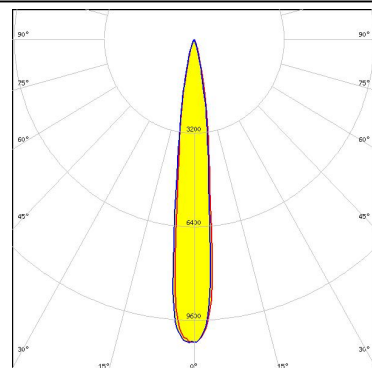
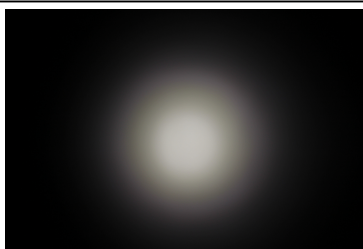
#### PHOTOMETRIC DATA (MEASURED):



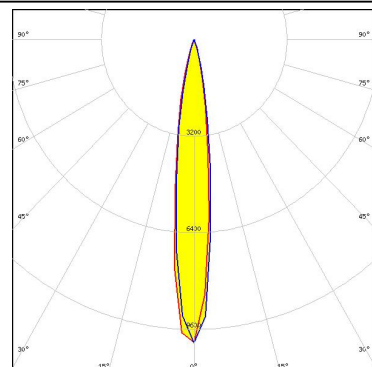
LED NVSW219F  
FWHM 13.0°  
Efficiency 94 %  
Peak intensity 13.300 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



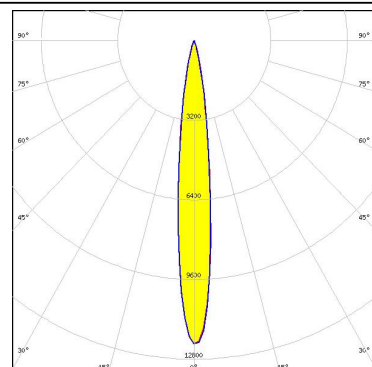
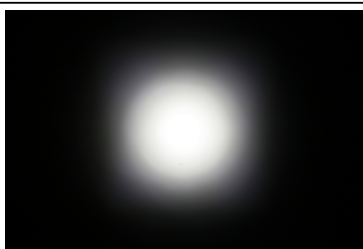
LED NVSW3x9A  
FWHM 13.0°  
Efficiency 89 %  
Peak intensity 10.300 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NVSxx19A  
FWHM 14.0°  
Efficiency 85 %  
Peak intensity 10.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



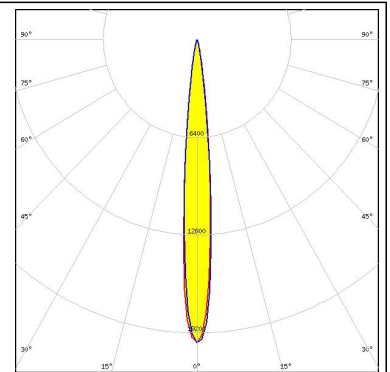
LED NVSxx19B/NVSxx19C  
FWHM 13.0°  
Efficiency 87 %  
Peak intensity 12.200 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



## PHOTOMETRIC DATA (MEASURED):

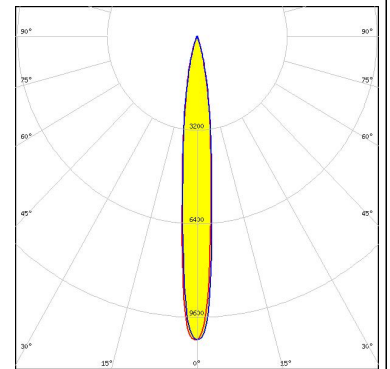
### SAMSUNG

LED LH351Z  
FWHM 11.0°  
Efficiency 89 %  
Peak intensity 19.900 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### SEOUL SEMICONDUCTOR

LED Z8Y22P  
FWHM 11.0°  
Efficiency 87 %  
Peak intensity 10.400 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

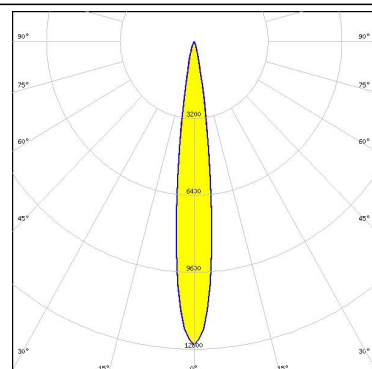




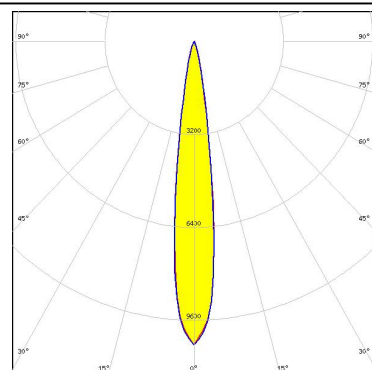
#### PHOTOMETRIC DATA (SIMULATED):



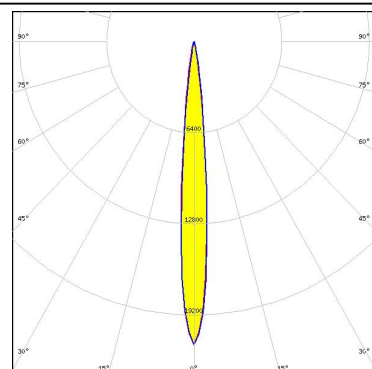
LED XP-G2 HE  
FWHM 14.0°  
Efficiency 97 %  
Peak intensity 12.620 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED OSCONIQ P 3737 (3W version)  
FWHM 15.0°  
Efficiency 94 %  
Peak intensity 10.450 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED OSLON Square CSSRM2/CSSRM3  
FWHM 9.9°  
Efficiency 94 %  
Peak intensity 21.300 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED LH351B  
FWHM 12.0°  
Efficiency %  
Peak intensity 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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