

## VERONICA-RS

~12° spot beam

### TECHNICAL SPECIFICATIONS:

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

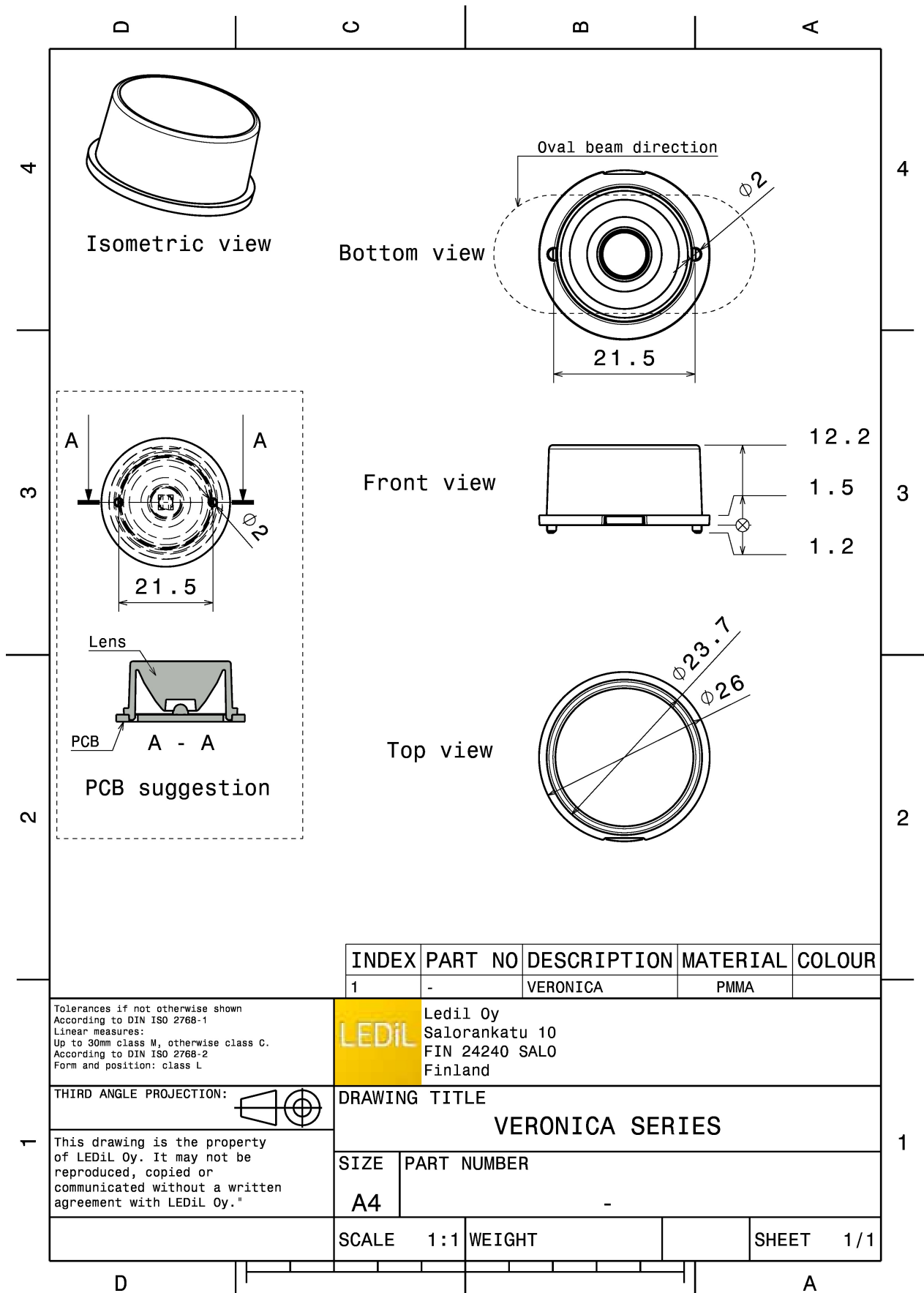
### MATERIAL SPECIFICATIONS:

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



### ORDERING INFORMATION:

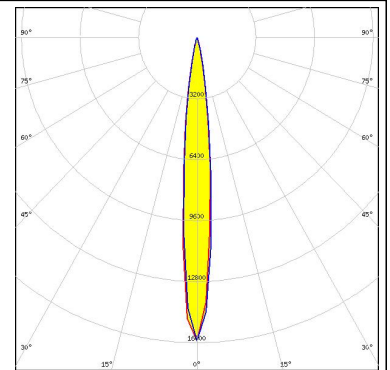
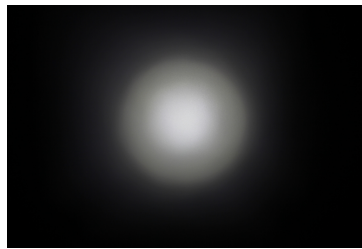
Component	Qty in box	MOQ	MPQ	Box weight (kg)
C13528_VERONICA-RS » Box size: 480 x 280 x 300 mm	1980	297	99	10.1



#### PHOTOMETRIC DATA (MEASURED):

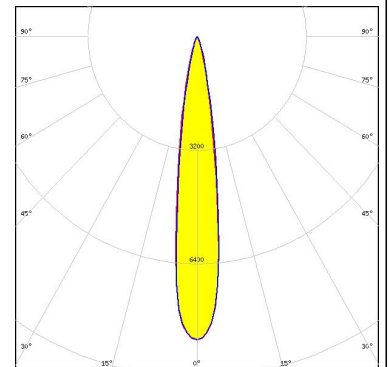
#### CREE

LED XB-H  
 FWHM 11.0°  
 Efficiency 89 %  
 Peak intensity 15.9 cd/Im  
 LEDs/each optic 1  
 Light colour White  
 Required components:



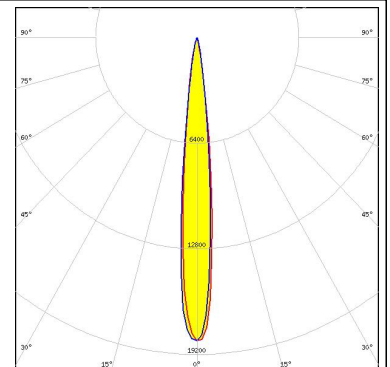
#### CREE

LED XM-L2  
 FWHM 16.0°  
 Efficiency 90 %  
 Peak intensity 8.5 cd/Im  
 LEDs/each optic 1  
 Light colour White  
 Required components:



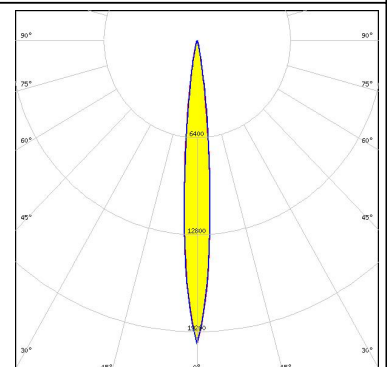
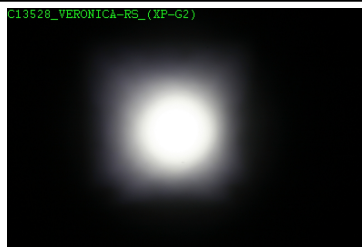
#### CREE

LED XP-G  
 FWHM 12.0°  
 Efficiency 90 %  
 Peak intensity 18.4 cd/Im  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### CREE

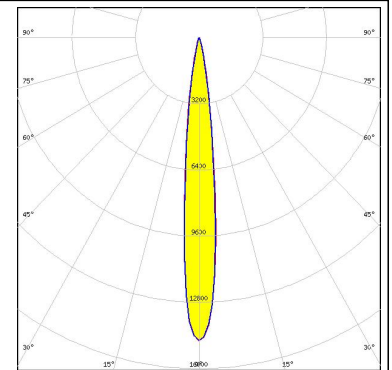
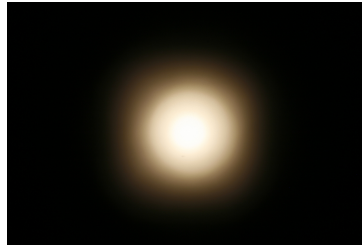
LED XP-G2  
 FWHM 10.0°  
 Efficiency 90 %  
 Peak intensity 19 cd/Im  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

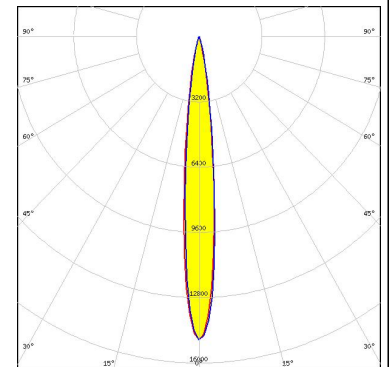
##### LUMILEDS

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



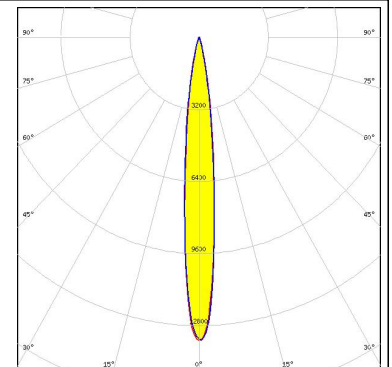
##### LUMILEDS

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



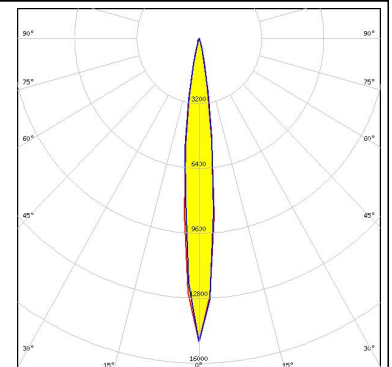
##### LUMILEDS

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



##### NICHIA

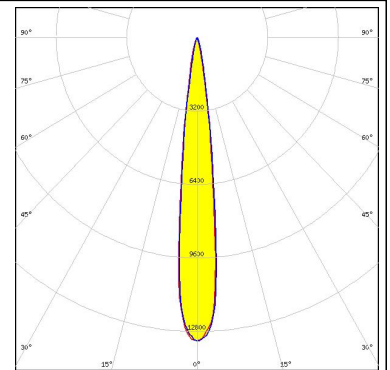
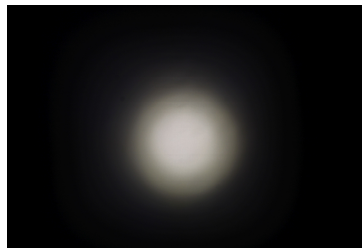
LED NCSxx19A  
 FWHM 13.0°  
 Efficiency 86 %  
 Peak intensity 15 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



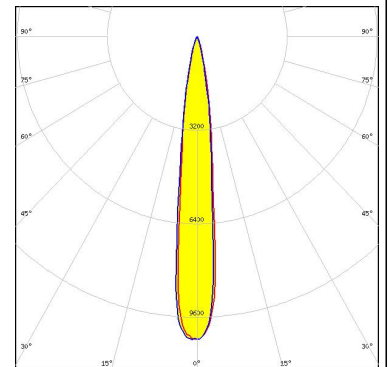
#### PHOTOMETRIC DATA (MEASURED):



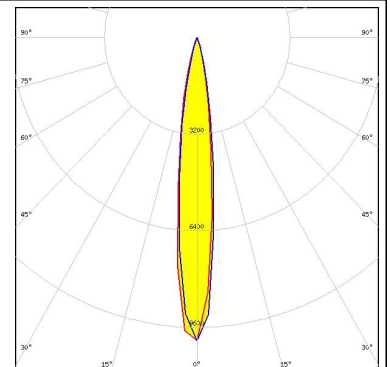
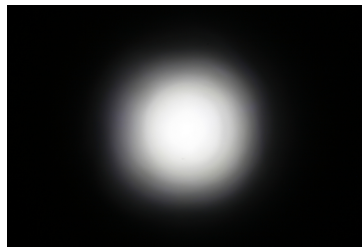
LED NVSW219F  
 FWHM 13.0°  
 Efficiency 94 %  
 Peak intensity 13.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



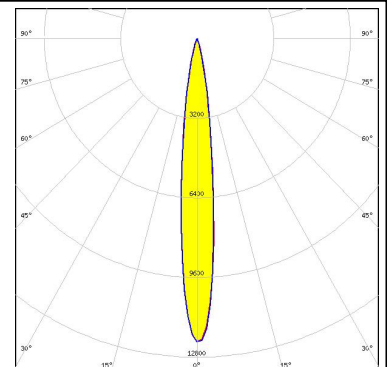
LED NVSW3x9A  
 FWHM 13.0°  
 Efficiency 89 %  
 Peak intensity 10.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



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



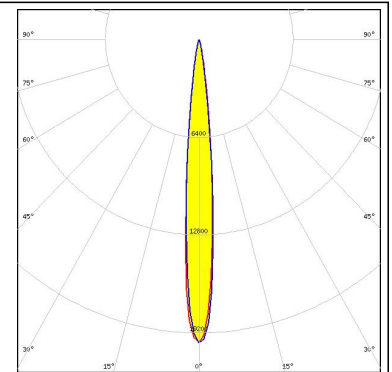
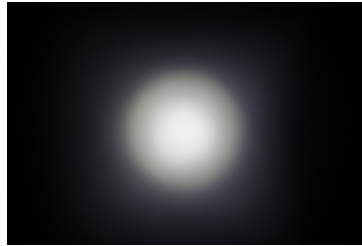
LED NVSxx19B/NVSxx19C  
 FWHM 13.0°  
 Efficiency 87 %  
 Peak intensity 12.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



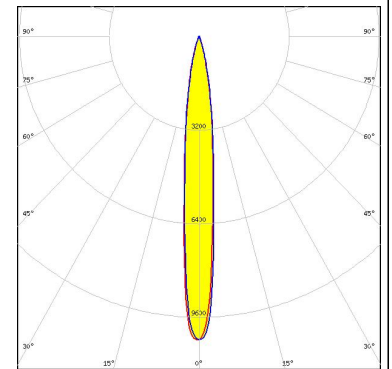
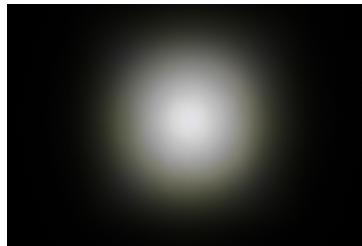
#### PHOTOMETRIC DATA (MEASURED):

### SAMSUNG

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



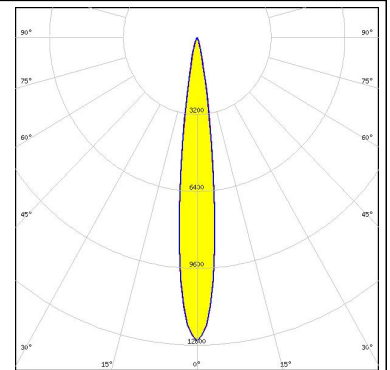
SEOUL SEMICONDUCTOR  
LED Z8Y22P  
FWHM 11.0°  
Efficiency 87 %  
Peak intensity 10.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



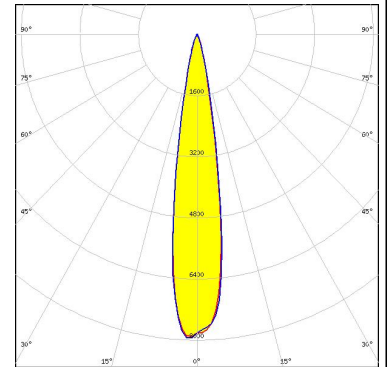
#### PHOTOMETRIC DATA (SIMULATED):



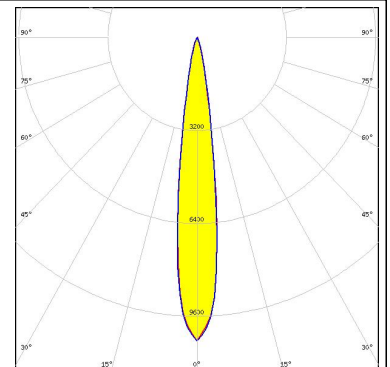
LED XP-G2 HE  
 FWHM 14.0°  
 Efficiency 97 %  
 Peak intensity 12.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



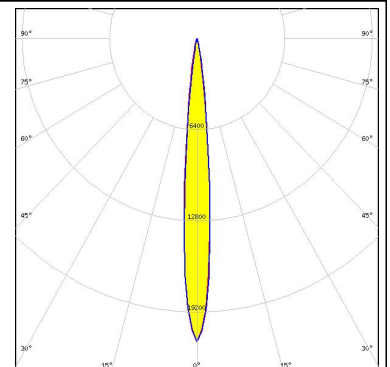
LED NV4WB35AM  
 FWHM 18.0°  
 Efficiency 97 %  
 Peak intensity 8.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED OSCONIQ P 3737 (3W version)  
 FWHM 15.0°  
 Efficiency 94 %  
 Peak intensity 10.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED OSLOM Square CSSRM2/CSSRM3  
 FWHM 9.9°  
 Efficiency 94 %  
 Peak intensity 21.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



## PHOTOMETRIC DATA (SIMULATED):

### **SAMSUNG**

LED	LH351B
FWHM	12.0°
Efficiency	%
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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