

## ROSE-MRK-S

~30° spot beam. Assembly with white holder.



### TECHNICAL SPECIFICATIONS:

Dimensions	21.6 x 21.6 mm
Height	13 mm
Fastening	tape, pin
ROHS compliant	yes 

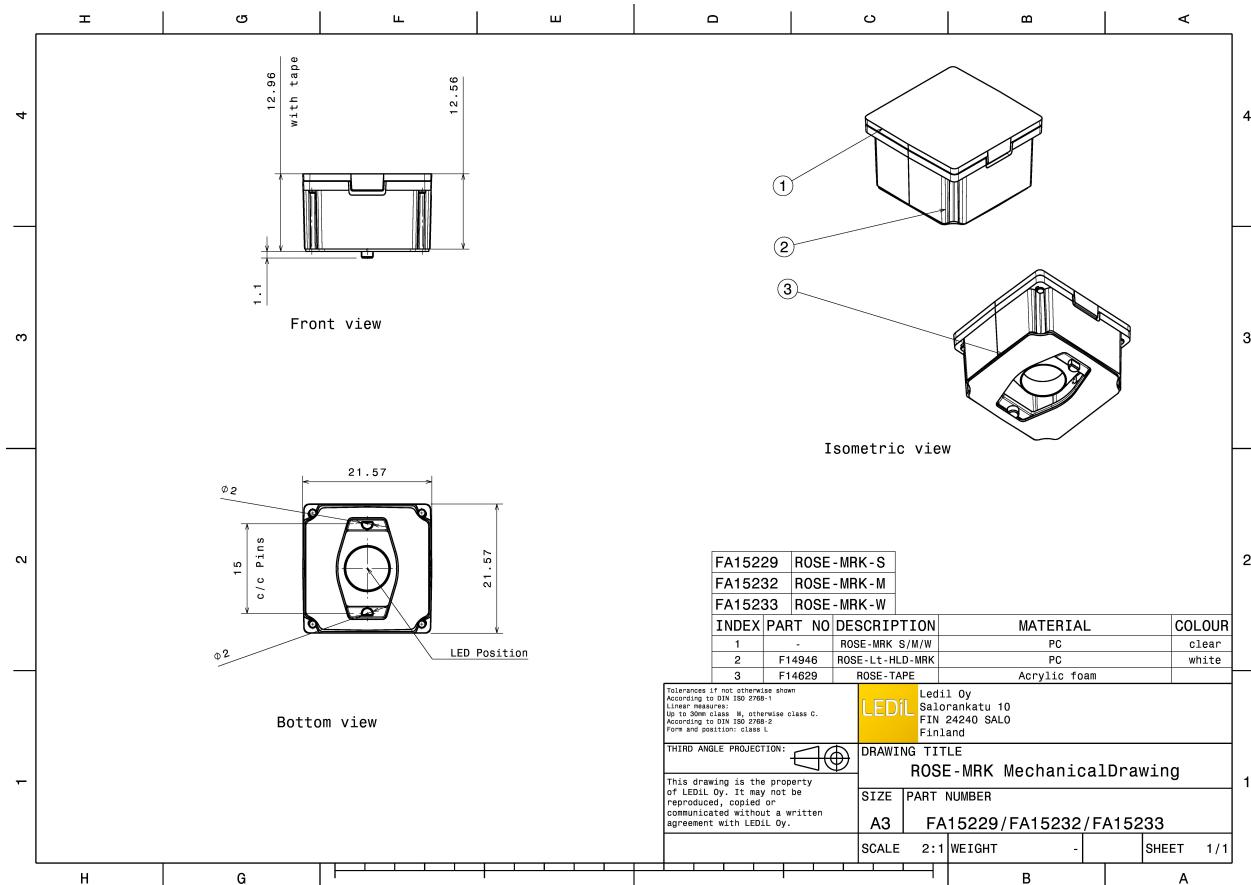
LEDiL®

### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
ROSE-MRK-S	Single lens	PC	clear	
ROSE-MRK-LT-HLD	Holder	PC	white	
ROSE-TAPE	Tape	Acrylic foam	black	

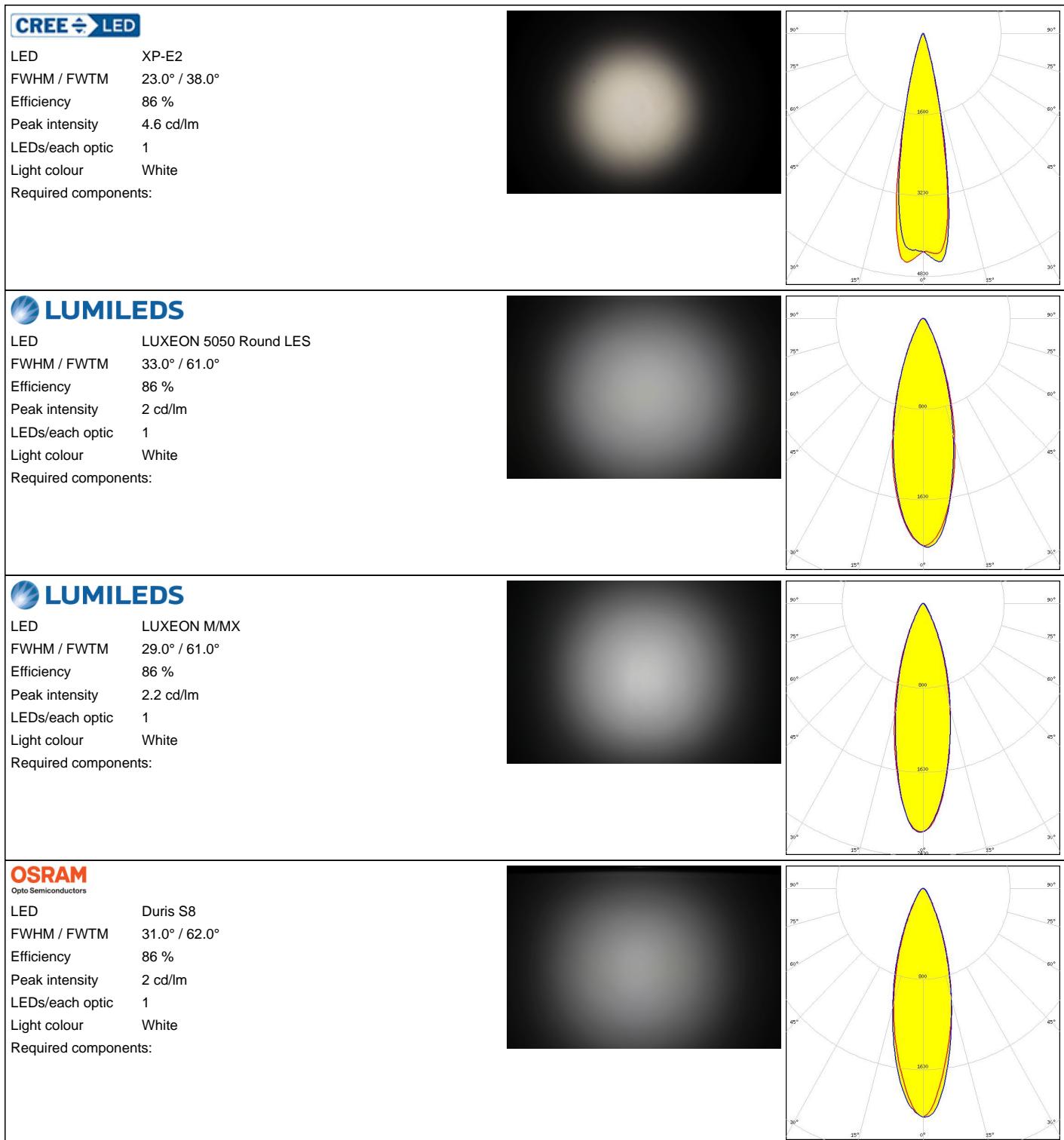
### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)	
FA15229_ROSE-MRK-S » Box size: 457 x 260 x 260 mm	Single lens	2304	288	144	9.5



See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### PHOTOMETRIC DATA (MEASURED):



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**OSRAM**  
Opto Semiconductors

LED OSLON SSL 150

FWHM / FWTM 23.0° / 39.0°

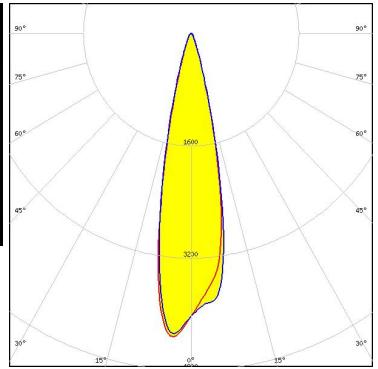
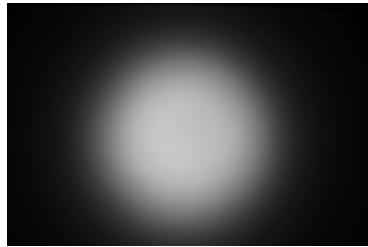
Efficiency 85 %

Peak intensity 4.4 cd/lm

LEDs/each optic 1

Light colour White

Required components:

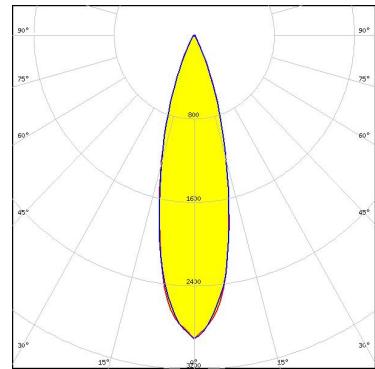


### PHOTOMETRIC DATA (SIMULATED):



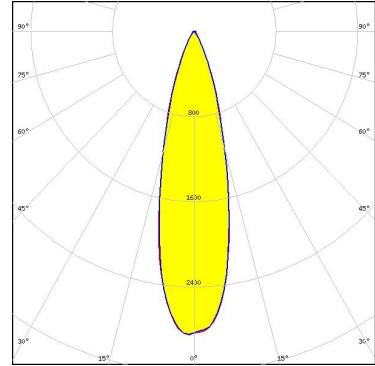
LED	XHP50
FWHM / FWTM	27.0° / 50.0°
Efficiency	87 %
Peak intensity	2.9 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



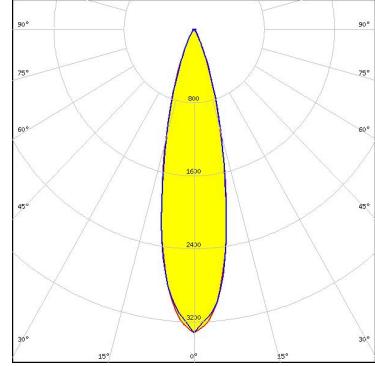
LED	XHP50.2
FWHM / FWTM	26.0° / 52.0°
Efficiency	85 %
Peak intensity	2.9 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



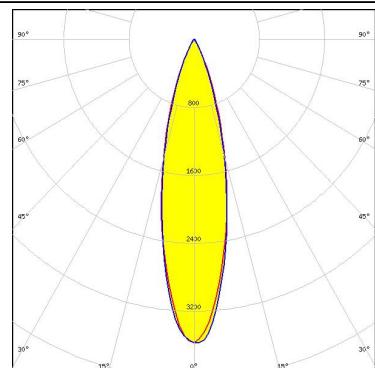
LED	XHP50.3 HD
FWHM / FWTM	24.0° / 48.0°
Efficiency	85 %
Peak intensity	3.3 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



LED	LUXEON 5050 Square LES
FWHM / FWTM	26.0° / 50.0°
Efficiency	95 %
Peak intensity	3.6 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



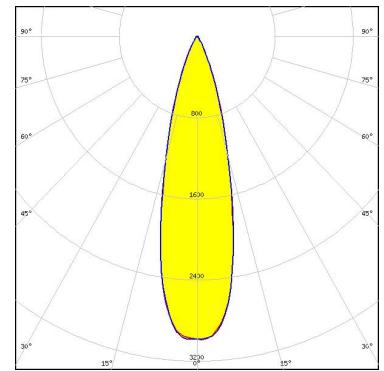
## PHOTOMETRIC DATA (SIMULATED):



LED NFMW48xA  
FWHM / FWTM 23.0° / 49.0°  
Efficiency 88 %  
Peak intensity 3.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NV4x144A  
FWHM / FWTM 26.0° / 50.0°  
Efficiency 85 %  
Peak intensity 3 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:

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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