

ROSE-MRK-S

~30° spot beam. Assembly with white holder.

SPECIFICATION:

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

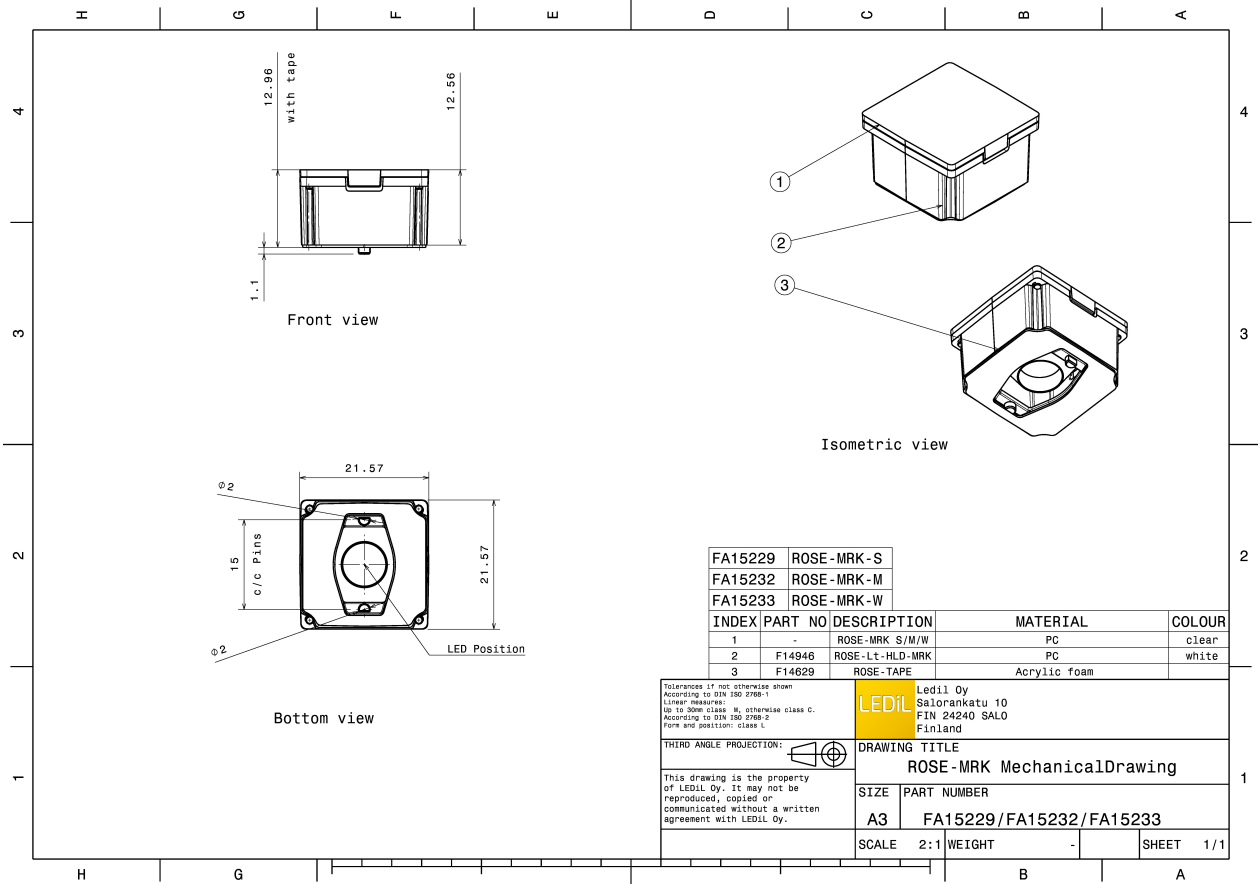
MATERIALS:

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	




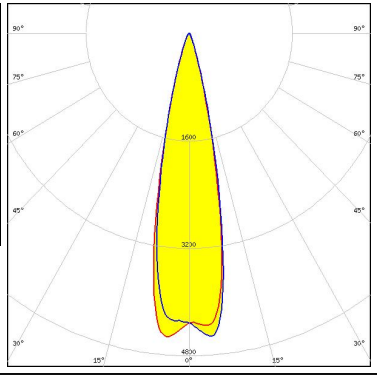

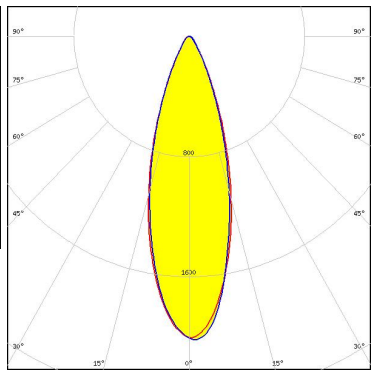

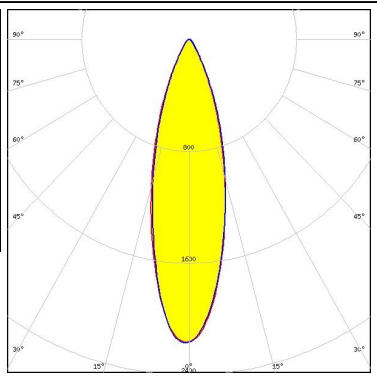

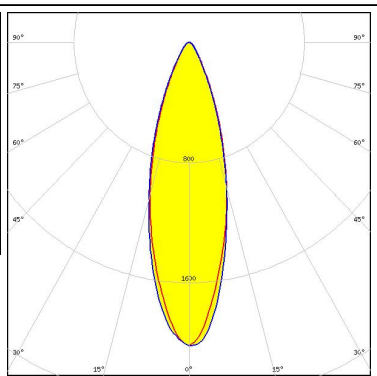
ORDERING INFORMATION:

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



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

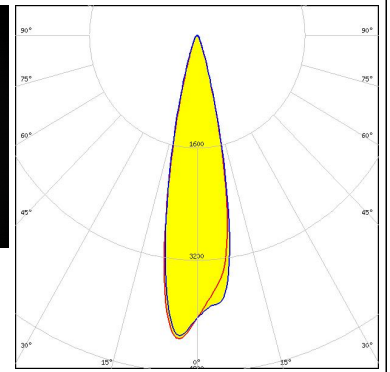
OPTICAL RESULTS (MEASURED):

<p>CREE LED</p> <p>LED XP-E2 FWHM / FWTM 23.0° / 38.0° Efficiency 86 % Peak intensity 4.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON 5050 Round LES FWHM / FWTM 33.0° / 61.0° Efficiency 86 % Peak intensity 2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON M/MX FWHM / FWTM 29.0° / 61.0° Efficiency 86 % Peak intensity 2.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED Duris S8 FWHM / FWTM 31.0° / 62.0° Efficiency 86 % Peak intensity 2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

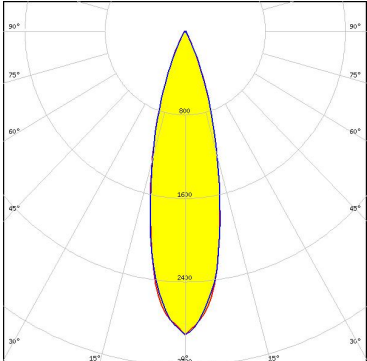
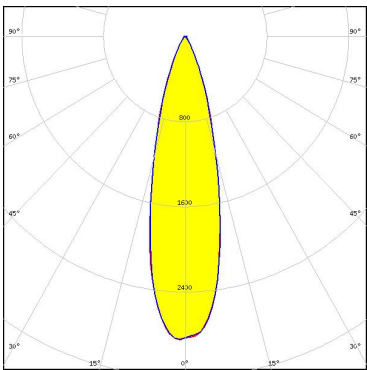
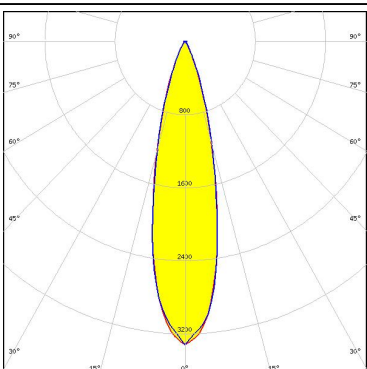
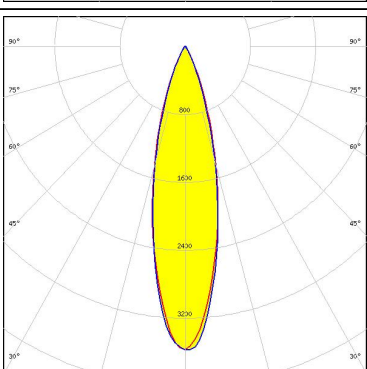
OPTICAL RESULTS (MEASURED):

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:



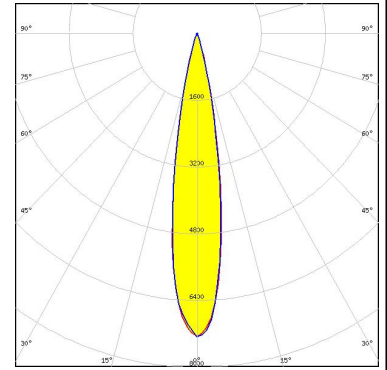
OPTICAL RESULTS (SIMULATED):

<p>CREE → LED</p> <p>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:</p>	
<p>CREE → LED</p> <p>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:</p>	
<p>CREE → LED</p> <p>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:</p>	
<p>LUMILEDS</p> <p>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:</p>	

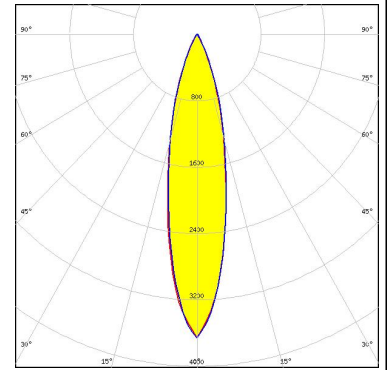
OPTICAL RESULTS (SIMULATED):



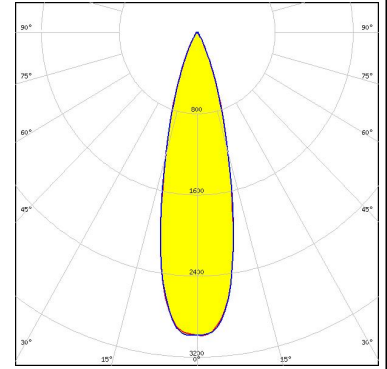
LED SST-20
FWHM / FWTM 18.0° / 32.0°
Efficiency 87 %
Peak intensity 7.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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:

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