

ROSE-MRK-S

~30° spot beam. Assembly with white holder.

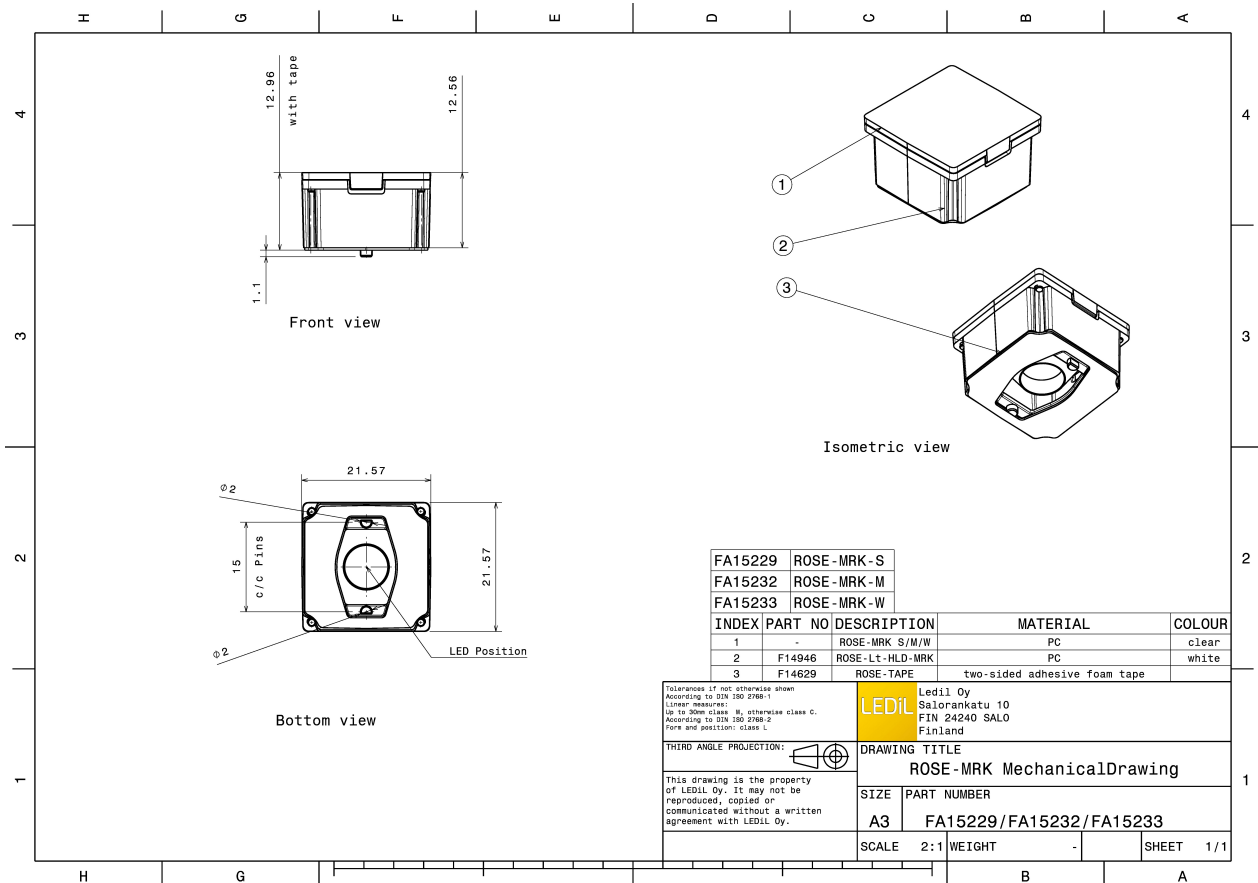
TECHNICAL SPECIFICATIONS:

Dimensions	21.6 mm
Height	13 mm
Fastening	tape, pin
Colour	white
Box size	457 x 260 x 260 mm
Box weight	9.5 kg
Quantity in Box	2304 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

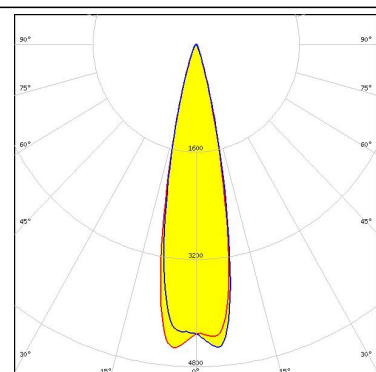
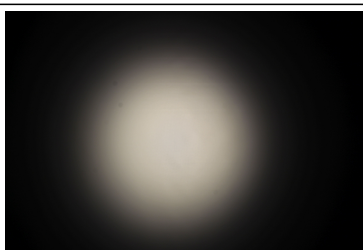
Component	Type	Material	Colour
ROSE-MRK-S	Single lens	PC	
ROSE-MRK-LT-HLD	Holder	PC	
ROSE-TAPE	Tape	PU tape	



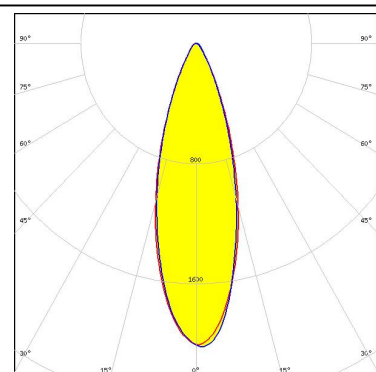
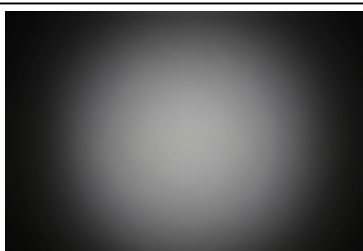
PHOTOMETRIC DATA (MEASURED):



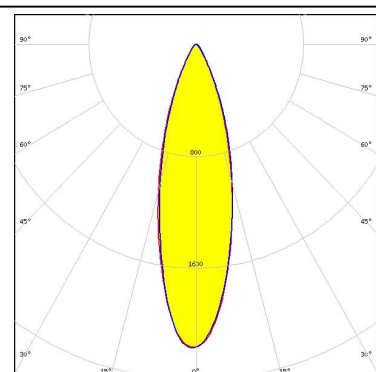
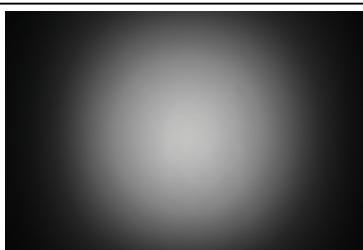
LED XP-E2
FWHM 23.0°
Efficiency 86 %
Peak intensity 4.646 cd/lm
LEDs/each optic 1
Light colour White
Required components:



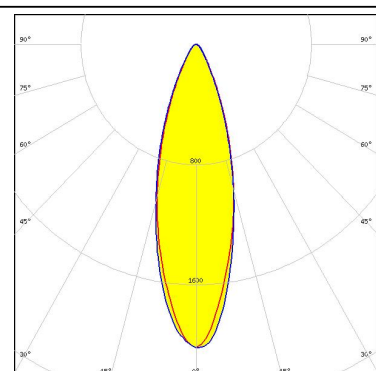
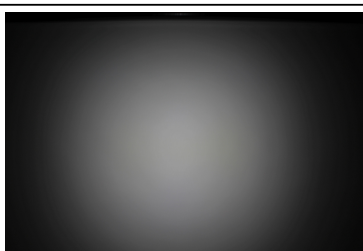
LED LUXEON 5050 Round LES
FWHM 33.0°
Efficiency 86 %
Peak intensity 2.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON M/MX
FWHM 29.0°
Efficiency 86 %
Peak intensity 2.170 cd/lm
LEDs/each optic 1
Light colour White
Required components:



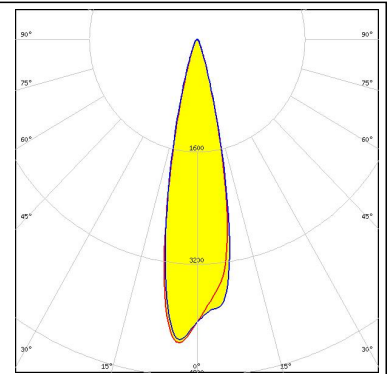
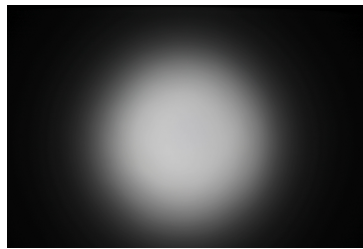
LED Duris S8
FWHM 31.0°
Efficiency 86 %
Peak intensity 2.022 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED	OSLON SSL 150
FWHM	23.0°
Efficiency	85 %
Peak intensity	4.395 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



PHOTOMETRIC DATA (SIMULATED):



LED	NFMW48xA
FWHM	23.0°
Efficiency	88 %
Peak intensity	3.658 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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