

PRODUCT DATASHEET FA15233_ROSE-MRK-W

ROSE-MRK-W

~60° wide beam. Assembly with white holder.

SPECIFICATION:

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



MATERIALS:

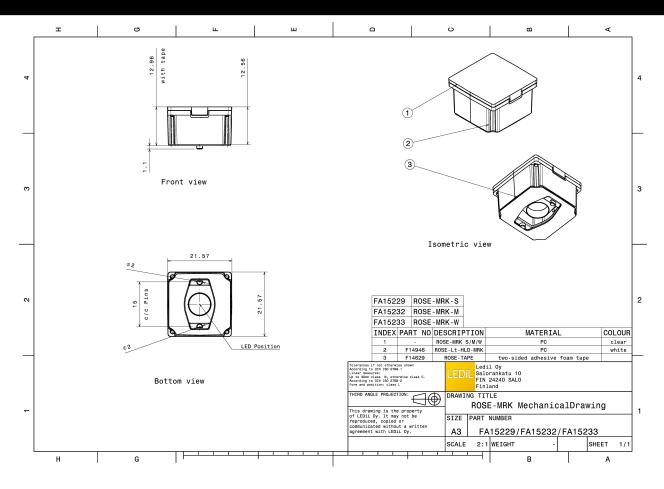
Component ROSE-MRK-W ROSE-MRK-LT-HLD ROSE-TAPE **Type** Single lens Holder Tape

Material	Colour	Finish
PC	clear	
PC	white	
Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA15233_ROSE-MRK-W	Single lens	2304	288	144	11.0
» Box size: 457 x 260 x 260 mm					

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



OPTICAL RESULTS (MEASURED):

	EDS	90* 90*
LED	LUXEON 5050 Round LES	75*
FWHM / FWTM	51.0° / 98.0°	200
Efficiency	85 %	60°
Peak intensity	0.9 cd/lm	
LEDs/each optic	1	
Light colour	White	51°
Required compone	nts:	20 00 00 00 00 00 00 00 00 00
🥙 LUMIL	EDS	90, 90,
LED	LUXEON M/MX	
FWHM / FWTM	62.0° / 107.0°	
Efficiency	84 %	200 60*
Peak intensity	0.7 cd/lm	$\Gamma \times / / \times 1$
LEDs/each optic	1	
Light colour	White	400 dg*
Required compone	nts:	



OPTICAL RESULTS (SIMULATED):

		90° 90°
LED	XHP70	75*
FWHM / FWTM	77.0° / 106.0°	
Efficiency	92 %	60° 60°
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	45* 400
Required components:		
		36* 30* 30*
CREE 🔶		
		90° 90°
LED	XM-L	75*
FWHM / FWTM	72.5° / 111.5°	
Efficiency	87 %	er•
Peak intensity	0.6 cd/lm	
LEDs/each optic	1	
Light colour	White	450 450
Required components:		
		30° 30°
		Y
		90* 90*
CREE ÷ LED	XM-L2	50°
	XM-L2 75.5° / 112.0°	25 25 26 27
LED		5 ¹ 5 ¹ 73 20 20
LED FWHM / FWTM	75.5° / 112.0°	94 94 95 200 000
LED FWHM / FWTM Efficiency	75.5° / 112.0° 87 %	59° 59° 73° 69° 200 69°
LED FWHM / FWTM Efficiency Peak intensity	75.5° / 112.0° 87 % 0.6 cd/lm	59 ⁴ 59 ⁴ 33 69 ⁴ 200 69 ⁴ 69 ⁴ 69 ⁴ 69 ⁴
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	75.5° / 112.0° 87 % 0.6 cd/lm 1	59° 59° 75° 72° 60° 60° 55° 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	75.5° / 112.0° 87 % 0.6 cd/lm 1	5° 5° 6° 6°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	75.5° / 112.0° 87 % 0.6 cd/lm 1	50 50 60 60 60 60 60 60 60
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	75.5° / 112.0° 87 % 0.6 cd/lm 1	54 57 57 57 57 57 57 57 57 57 57 57 57 57
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	75.5° / 112.0° 87 % 0.6 cd/lm 1	5° 60° 5° 60° 60° 60° 60° 60° 60° 60° 60° 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	75.5° / 112.0° 87 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	75.5° / 112.0° 87 % 0.6 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED ED FWHM / FWTM	75.5° / 112.0° 87 % 0.6 cd/lm 1 White XP-G3 68.0° / 110.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency	75.5° / 112.0° 87 % 0.6 cd/lm 1 White XP-G3 68.0° / 110.0° 85 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE ED FWHM / FWTM Efficiency Peak intensity	75.5° / 112.0° 87 % 0.6 cd/lm 1 White XP-G3 68.0° / 110.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	75.5° / 112.0° 87 % 0.6 cd/lm 1 White XP-G3 68.0° / 110.0° 85 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	75.5° / 112.0° 87 % 0.6 cd/lm 1 White XP-G3 68.0° / 110.0° 85 % 0.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	75.5° / 112.0° 87 % 0.6 cd/lm 1 White XP-G3 68.0° / 110.0° 85 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	75.5° / 112.0° 87 % 0.6 cd/lm 1 White XP-G3 68.0° / 110.0° 85 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	75.5° / 112.0° 87 % 0.6 cd/lm 1 White XP-G3 68.0° / 110.0° 85 % 0.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CREE ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	75.5° / 112.0° 87 % 0.6 cd/lm 1 White XP-G3 68.0° / 110.0° 85 % 0.6 cd/lm 1	

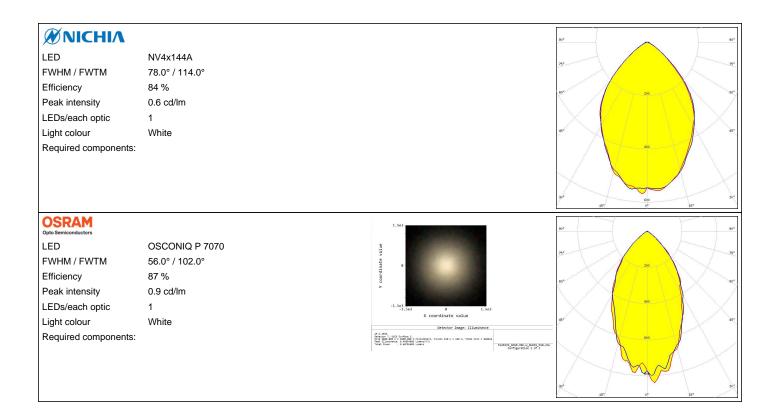


OPTICAL RESULTS (SIMULATED):

		90* 90*
LED	XP-L2	
FWHM / FWTM	62.0° / 110.0°	73.
Efficiency	85 %	200
Peak intensity	0.7 cd/lm	60* S0*
LEDs/each optic	1	
Light colour	' White	450 450
Required components:	White	$\mathbb{N} / \mathbb{N} = \mathbb{N} / \mathbb{N} / \mathbb{N}$
required components.		
		60
		30 ⁵ 0 ⁵ 30 ⁵
	05	90° 90°
LED	LUXEON 7070	
FWHM / FWTM	62.0° / 104.0°	75.
Efficiency	86 %	200 - 200 - 60°
Peak intensity	0.8 cd/lm	
LEDs/each optic	1	
Light colour	White	93
Required components:		
		en la
		30° 30°
		159 80 15°
	US	
	JS SST-20	
LED	SST-20	
LED FWHM / FWTM Efficiency	SST-20 49.0° / 102.0°	
LED FWHM / FWTM Efficiency Peak intensity	SST-20 49.0° / 102.0° 87 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	SST-20 49.0° / 102.0° 87 % 1 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity	SST-20 49.0° / 102.0° 87 % 1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	SST-20 49.0° / 102.0° 87 % 1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	SST-20 49.0° / 102.0° 87 % 1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	SST-20 49.0° / 102.0° 87 % 1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	SST-20 49.0° / 102.0° 87 % 1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	SST-20 49.0° / 102.0° 87 % 1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	SST-20 49.0° / 102.0° 87 % 1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	SST-20 49.0° / 102.0° 87 % 1 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	SST-20 49.0° / 102.0° 87 % 1 cd/lm 1 White NFMW48xA	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	SST-20 49.0° / 102.0° 87 % 1 cd/lm 1 White NFMW48xA 62.0° / 106.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	SST-20 49.0° / 102.0° 87 % 1 cd/lm 1 White NFMW48xA 62.0° / 106.0° 87 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: WICHIA LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	SST-20 49.0° / 102.0° 87 % 1 cd/lm 1 White NFMW48xA 62.0° / 106.0° 87 % 0.8 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: EXAMPLANCE NOT LED FWHM / FWTM Efficiency Peak intensity	SST-20 49.0° / 102.0° 87 % 1 cd/lm 1 White NFMW48xA 62.0° / 106.0° 87 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: WICHIN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	SST-20 49.0° / 102.0° 87 % 1 cd/lm 1 White NFMW48xA 62.0° / 106.0° 87 % 0.8 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: WICHIN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	SST-20 49.0° / 102.0° 87 % 1 cd/lm 1 White NFMW48xA 62.0° / 106.0° 87 % 0.8 cd/lm 1	32. 30. 32. 32. 32. 33. 30. 30. 32. 32. 33. 30. 30. 32. 32.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: WICHIN LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	SST-20 49.0° / 102.0° 87 % 1 cd/lm 1 White NFMW48xA 62.0° / 106.0° 87 % 0.8 cd/lm 1	32. 90. 33. 90. 33. 90. 33. 90.



OPTICAL RESULTS (SIMULATED):





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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