

# PRODUCT DATASHEET FA15229\_ROSE-MRK-S

# **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:**

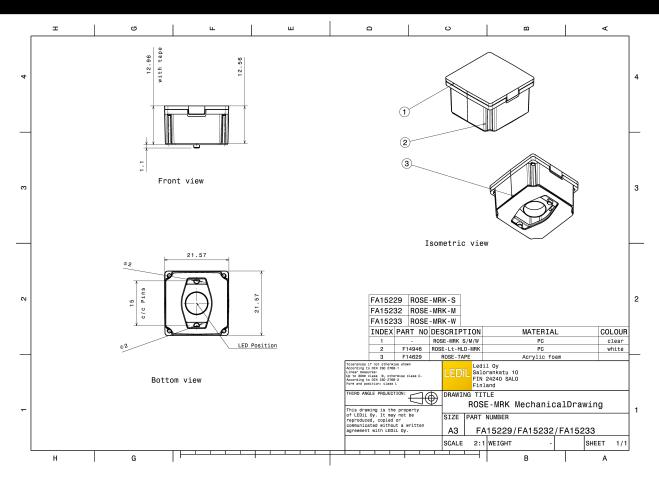
**Component** ROSE-MRK-S ROSE-MRK-LT-HLD ROSE-TAPE **Type** Single lens Holder Tape

Material	Colour	Finish
PC	clear	
PC	white	
Acrylic foam	black	

## **ORDERING INFORMATION:**

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA15229_ROSE-MRK-S	Single lens	2304	288	144	9.5
» 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):**

		50° 50
LED	XP-E2	
FWHM / FWTM	23.0° / 38.0°	
Efficiency	86 %	
Peak intensity	4.6 cd/lm	
LEDs/each optic	1	
Light colour	White	at a
Required compone	nts:	200
		30' 30
	EDS	
		90 <sup>°</sup>
LED	LUXEON 5050 Round LES	77
FWHM / FWTM	33.0° / 61.0°	
Efficiency	86 % 2 cd/lm	
Peak intensity		
LEDs/each optic	1	
Light colour	White	
Required compone	nts.	100
		24
		10 0' 33'
	EDS	99 <sup>4</sup> 99
	EDS	99 <sup>3</sup>
LED	LUXEON M/MX	
LED FWHM / FWTM	LUXEON M/MX 29.0° / 61.0°	
LED FWHM / FWTM Efficiency	LUXEON M/MX 29.0° / 61.0° 86 %	
LED FWHM / FWTM Efficiency Peak intensity	LUXEON M/MX 29.0° / 61.0° 86 % 2.2 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON M/MX 29.0° / 61.0° 86 % 2.2 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON M/MX 29.0° / 61.0° 86 % 2.2 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON M/MX 29.0° / 61.0° 86 % 2.2 cd/lm 1 White	
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LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON M/MX 29.0° / 61.0° 86 % 2.2 cd/lm 1 White nts:	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON M/MX 29.0° / 61.0° 86 % 2.2 cd/lm 1 White nts: Duris S8 31.0° / 62.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency	LUXEON M/MX 29.0° / 61.0° 86 % 2.2 cd/lm 1 White nts: Duris S8 31.0° / 62.0° 86 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone OSERAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity	LUXEON M/MX 29.0° / 61.0° 86 % 2.2 cd/lm 1 White nts: Duris S8 31.0° / 62.0° 86 % 2 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone OSERAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON M/MX 29.0° / 61.0° 86 % 2.2 cd/lm 1 White nts: Duris S8 31.0° / 62.0° 86 % 2 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Oscale Composed Compose	LUXEON M/MX 29.0° / 61.0° 86 % 2.2 cd/lm 1 White nts: Duris S8 31.0° / 62.0° 86 % 2 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON M/MX 29.0° / 61.0° 86 % 2.2 cd/lm 1 White nts: Duris S8 31.0° / 62.0° 86 % 2 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Oscale Composed Compose	LUXEON M/MX 29.0° / 61.0° 86 % 2.2 cd/lm 1 White nts: Duris S8 31.0° / 62.0° 86 % 2 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON M/MX 29.0° / 61.0° 86 % 2.2 cd/lm 1 White nts: Duris S8 31.0° / 62.0° 86 % 2 cd/lm 1 White	

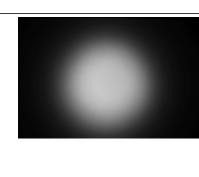


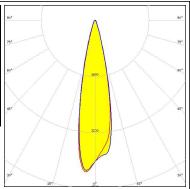
## **OPTICAL RESULTS (MEASURED):**

#### OSRAM

LED
FWHM / FWTM
Efficiency
Peak intensity
LEDs/each optic
Light colour
Required compone

OSLON SSL 150 23.0° / 39.0° 85 % 4.4 cd/lm 1 White ents:







# **OPTICAL RESULTS (SIMULATED):**

CREES LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XHP50 27.0° / 50.0° 87 % 2.9 cd/lm 1 White	20 20 20 20 20 20 20 20 20 20
CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XHP50.2 26.0° / 52.0° 85 % 2.9 cd/lm 1 White	200 200 00 00 00 00 00 00 00 00
CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XHP50.3 HD 24.0° / 48.0° 85 % 3.3 cd/lm 1 White	39° 39° 40° 500 500 500 500 500 500 500 5
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON 5050 Square LES 26.0° / 50.0° 95 % 3.6 cd/lm 1 White	91 91 92 00 00 00 00 00 00 00 00 00 0



# **OPTICAL RESULTS (SIMULATED):**

	US	90*
LED	SST-20	
FWHM / FWTM	18.0° / 32.0°	23* 23*
Efficiency	87 %	
Peak intensity	7.3 cd/lm	300
LEDs/each optic	1	$  \times / /     \times  $
Light colour	White	gr
Required components:		
		662
		30° 30°
		13 <sup>3</sup> 9850 33 <sup>3</sup>
<b>Μ</b> ΝΙCΗΙΛ		90° 90°
LED	NFMW48xA	
FWHM / FWTM	23.0° / 49.0°	800
Efficiency	88 %	604
Peak intensity	3.7 cd/lm	
LEDs/each optic	1	
Light colour	White	87 87 87
Required components:		
		3200
		$\times$ / $\vee$ / $\times$
		30° 30° 30°
<b>Μ</b> ΝΙCΗΙΛ		90° 00°
LED	NV4x144A	
FWHM / FWTM	26.0° / 50.0°	75
Efficiency	85 %	60° 60°
Peak intensity	3 cd/lm	$f \times / H \times 1$
LEDs/each optic	1	
Light colour	White	a, at
Required components:		$\times$
		2450
		$\times$ / $\vee$ $\times$
		30° 30° 30°



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### **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.

### PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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