

PRODUCT DATASHEET FA10661_LXP-RS

LXP-RS

~9.6° spot beam optimized for CREE XP-E. 14.7 mm high assembly with installation tape.

SPECIFICATION:

Dimensions	Ø 21.6 mm
Height	14.7 mm
Fastening	tape
ROHS compliant	yes 🛈



MATERIALS:

Component
LR1-RS
LXP-LH1-TAPE-BLK
LEILA-TAPE

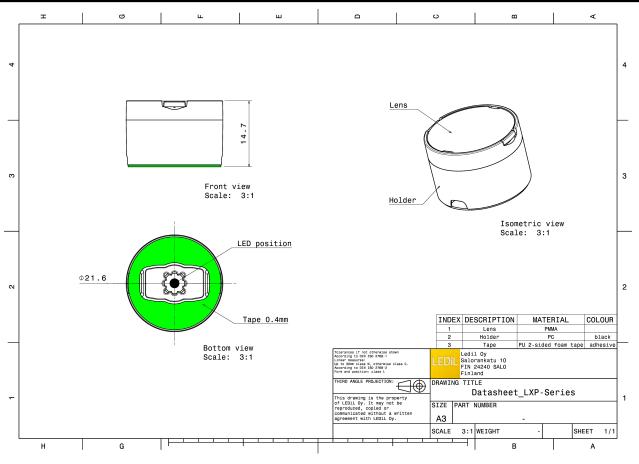
Туре	Material	Colour	Finish
Single lens	PMMA	clear	
Holder	PC	black	
Таре	Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA10661_LXP-RS	Single lens	2304	288	144	11.5
» Box size: 470 x 235 x 270 mm					



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



OPTICAL RESULTS (MEASURED):

-		
		90° 90°
	XP-E	
LED FWHM / FWTM	лг-е 7.5°	75
Efficiency	92 %	601 2004 64*
Peak intensity	39.7 cd/lm	
LEDs/each optic	1	
Light colour	White	42° (200
Required compone	ents:	
		304 34
LEDS		
LED	XP-E-HEW	
FWHM / FWTM	10.0°	
Efficiency	92 %	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
		90° 00°
LED	XP-G	73.
FWHM / FWTM	11.0°	
Efficiency	94 %	664 6600
Peak intensity	20.8 cd/lm	
LEDs/each optic	1	
Light colour	White	¢. k
Required compone	ents:	1300
		\times / \vee \times
		30° 15000 30°
CREE ≑		90° 900
LED	XP-L HD	
FWHM / FWTM	XP-L HD 16.0° / 28.0°	3
	91 %	
Efficiency		60°
Peak intensity	10 cd/lm	
LEDs/each optic	1	
Light colour Required compone	White	
Required compone	ans.	
		\times / \times / \times
		800
		30° 30' 30'
		10, 0, 30,



OPTICAL RESULTS (MEASURED):

CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-L HI 10.0° / 19.0° 90 % 22 cd/lm 1 White nts:	30 50 50 50 50 50 50 50 50 50 5
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	OSLON Square CSSRM2/CSSRM3 10.0° / 20.0° 93 % 21 cd/lm 1 White nts:	24 25 0 27 27 27 27 27 27 27 27 27 27 27 27 27



OPTICAL RESULTS (SIMULATED):

		90° 90°
LED	XP-E2	
FWHM / FWTM	7.0° / 14.0°	73'
Efficiency	92 %	
Peak intensity	47.5 cd/lm	69*
LEDs/each optic	1	
Light colour	White	45* 45*
Required components:	White	
Required components.		
		X / V X
		30°
		50°
LED	XP-G3	
FWHM / FWTM	12.0° / 24.0°	75. 27.
Efficiency	86 %	
Peak intensity	14 cd/lm	60°
LEDs/each optic	1	630
Light colour	' White	43* 43*
Required components:	White	
Required components.		
		36° 30° 30°
		90°
	XTLE	<u>9'</u>
LED	XT-E 9.0° / 20.0°	<u>57</u> <u>57</u> <u>57</u>
LED FWHM / FWTM	9.0° / 20.0°	25 25 25 25 25 25 25 25 25
LED FWHM / FWTM Efficiency	9.0° / 20.0° 88 %	64 600 664 22 25 26 26
LED FWHM / FWTM Efficiency Peak intensity	9.0° / 20.0° 88 % 20.7 cd/lm	64 600 600 25 26 26 26
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	9.0° / 20.0° 88 % 20.7 cd/lm 1	5°. 5°. 5°. 5°. 5°. 5°. 5°. 5°. 5°. 5°.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	9.0° / 20.0° 88 % 20.7 cd/lm	2. 1000 6. 1000 6. 1000 6. 100 100 100 100 100 100 100 10
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	9.0° / 20.0° 88 % 20.7 cd/lm 1	5) ¹ 5) ¹ 6) ⁴ 6) ⁴ 7) ⁴ 7
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	9.0° / 20.0° 88 % 20.7 cd/lm 1	gr. 100 07 gr. 100 06 gr. 100 06 gr. 100 06
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	9.0° / 20.0° 88 % 20.7 cd/lm 1	5. 5. 5. 5. 5. 5. 5. 5. 5. 5.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	9.0° / 20.0° 88 % 20.7 cd/lm 1	20, 12, 0, 12, 20, 12, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	9.0° / 20.0° 88 % 20.7 cd/lm 1 White	No. No.
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	9.0° / 20.0° 88 % 20.7 cd/lm 1 White	54° 50° 50° 50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	9.0° / 20.0° 88 % 20.7 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	9.0° / 20.0° 88 % 20.7 cd/lm 1 White S LUXEON CZ	54° 50° 50° 50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: COMPARENT	9.0° / 20.0° 88 % 20.7 cd/lm 1 White	54° 50° 50° 50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	9.0° / 20.0° 88 % 20.7 cd/lm 1 White S LUXEON CZ 6.0° / 14.0°	54° 50° 50° 50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: CONTINUES LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	9.0° / 20.0° 88 % 20.7 cd/lm 1 White	54° 50° 50° 50°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	9.0° / 20.0° 88 % 20.7 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: UED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	9.0° / 20.0° 88 % 20.7 cd/lm 1 White	51 51 51 51 51 51 51 51 51 51
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: UED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	9.0° / 20.0° 88 % 20.7 cd/lm 1 White	51 51 51 51 51 51 51 51 51 51
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: UDMILEC LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	9.0° / 20.0° 88 % 20.7 cd/lm 1 White	64. 64. 53. 54. 55. 56. 56. 56. 56. 56. 56. 56



OPTICAL RESULTS (SIMULATED):

)S	90*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON V2 11.0° / 24.0° 93 % 16 cd/lm 1 White	27 60 60 60 60 60 60 60 60 60 60 60 60 60
Μ ΝΙCΗΙΛ		90° 91
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NCSxx19B 8.0° / 18.0° 91 % 27.6 cd/lm 1 Blue	
Μ ΝΙCΗΙΛ		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NVSxx19B/NVSxx19C 12.0° / 24.0° 87 % 14.6 cd/lm 1 White	25° 1000 12° 2
seour semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Z5 8.0° / 16.0° 91 % 32.5 cd/lm 1 White	504 50 50 50 50 50 50 50 50 50 50



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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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