

PRODUCT DATASHEET CA12394_LR2-W

LR2-W

 ${\sim}40^\circ$ wide beam optimized for LUXEON Rebel ES. 14.8 mm high assembly with installation tape.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	14.8 mm
Fastening	tape, pin
ROHS compliant	yes 🛈



MATERIAL SPECIFICATIONS:

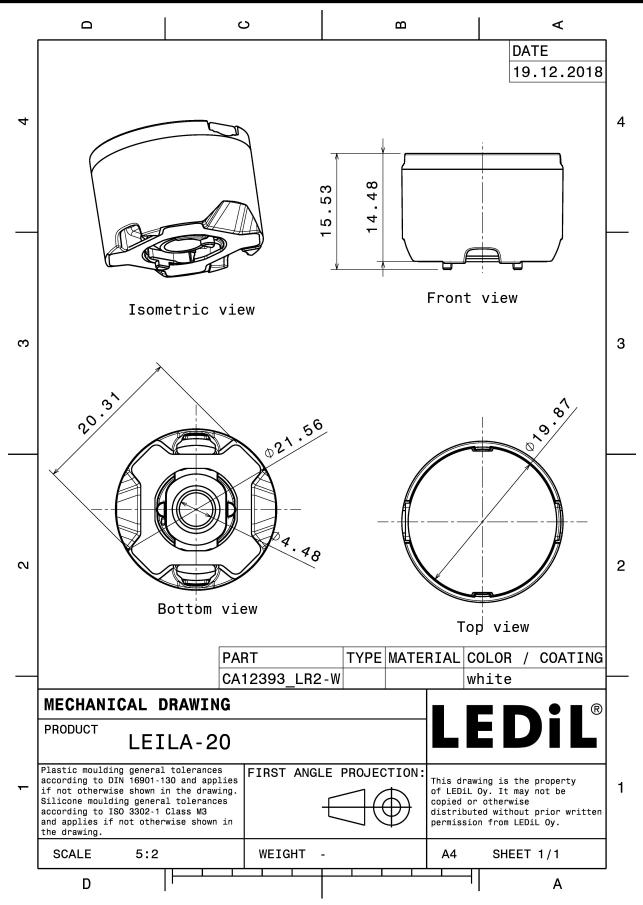
Component	Туре	Material	Colour	Finish
LXP2-W	Single lens	PMMA		
LR2-ES-LH1-HLD	Holder	PC	white	
HEIDI-TAPE	Таре	PU tape	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA12394_LR2-W	Single lens	1680	336	112	9.4
» Box size: 480 x 280 x 300 mm					



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



PHOTOMETRIC DATA (MEASURED):

🥙 LUMIL	.EDS	50°
LED	LUXEON T	77
FWHM / FWTM	46.0° / 69.0°	
Efficiency	89 %	605
Peak intensity	1.4 cd/lm	
LEDs/each optic	1	
Light colour	White	97
Required compone	ents:	200 - 1200 200 - 120 200 - 120
	.EDS	90*
LED	LUXEON TX	
FWHM / FWTM	45.0° / 68.0°	75
Efficiency	90 %	
Peak intensity	1.6 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	30° et 15°
CUMIL	.EDS	
LED	LUXEON Z ES	
FWHM / FWTM	43.0° / 64.0°	
Efficiency	88 %	
Peak intensity	1.8 cd/lm	
	1	
LEDs/each optic		
LEDs/each optic Light colour	White	



PHOTOMETRIC DATA (SIMULATED):

	J Series 5050 Round LES	84
FWHM / FWTM	50.0° / 76.0°	
Efficiency	96 %	
Peak intensity	30 /s 1.3 cd/lm	60*
LEDs/each optic	1	
Light colour	' White	45* 45*
Required components:	White	
Required components.		
		1270
		30° 30° 30° 30°
		90 ⁴
LED	XP-G3	75
FWHM / FWTM	46.0° / 68.0°	19 400 × 10
Efficiency	93 %	60° 60°
Peak intensity	1.6 cd/lm	
LEDs/each optic	1	
Light colour	Red	477 432
Required components:		
		1230
		30* 1600 30*
		90* 90* 90*
		90°
LED	XQ-E HD	75*
FWHM / FWTM	48.0° / 64.0°	400
Efficiency	95 %	50° 60°
Peak intensity LEDs/each optic	1.7 cd/lm 1	
Light colour	ı White	45*
Required components:	White	
Required components.		1220
		1600
		30° 30° 30°
	05	50° 50°
LED	LUXEON 5050 Square LES	
FWHM / FWTM	52.0° / 78.0°	
Efficiency	96 %	60° 400 70°
Peak intensity	1.3 cd/lm	
LEDs/each optic	1	
Light colour	White	45° - 200 - 45°
Required components:		
		1230
1		
		30%



PHOTOMETRIC DATA (SIMULATED):

UMILEC	DS	90*
LED	LUXEON Rebel ES	78*
FWHM / FWTM	48.0° / 66.0°	400
Efficiency Peak intensity	95 % 1.6 cd/lm	60* 66
LEDs/each optic	1.0 ca/im	
Light colour	White	43 ⁵
Required components:		LIN .
		20 ⁵ 10 ⁵ 10 ⁵ 30
🖉 LUMILED	05	90*
LED	LUXEON V2	75*
FWHM / FWTM	43.0° / 60.0°	400
Efficiency	94 %	
Peak intensity	1.7 cd/lm	
LEDs/each optic	1	
Light colour	White	er is
Required components:		1230
		X
		30° 30° 15° 0° 15°
Μ ΝΙCΗΙΛ		90* 90*
LED	NV4WB35AM	
FWHM / FWTM	50.0° / 70.0°	73
Efficiency	96 %	400
Peak intensity	1.5 cd/lm	$\Gamma \times // \square \land \times 1$
LEDs/each optic	1	
Light colour	White	
Required components:		
		1230
		30° 35° 35
OSRAM		90°
Opto Semiconductors	OSCONIQ P 3030	
	44.0° / 62.0°	400
FWHM / FWTM	44.0° / 62.0° 95 %	400
FWHM / FWTM Efficiency	95 %	9,4
FWHM / FWTM Efficiency Peak intensity		90× 600
FWHM / FWTM Efficiency	95 % 1.9 cd/lm	9)*
FWHM / FWTM Efficiency Peak intensity LEDs/each optic	95 % 1.9 cd/lm 1	5 ⁵
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	95 % 1.9 cd/lm 1	9)+
FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	95 % 1.9 cd/lm 1	9x* 60 - 50 - 50 - 120 - 120



PHOTOMETRIC DATA (SIMULATED):

OSRAM Opto Semiconductors LED FWHM / FWTM	OSLON Square CSSRM2/CSSRM3 47.0° / 66.0°	34. 26. 26.
Efficiency	96 %	
Peak intensity	1.6 cd/lm	
LEDs/each optic	1	
Light colour	White	42.
Required components:		20 ⁴ 10 ⁵⁰ 20 ⁴ 20 ⁴
OSRAM Opto Semiconductors		5)* 5)*
LED	SFH 4715AS	75'
FWHM / FWTM	46.0° / 64.0°	400
Efficiency	95 %	60° 60°
LEDs/each optic	1	
Light colour	IR	43° 43°
Required components:		1270
		30° 10° 10° X°
OSRAM		
Opto Semiconductors		90°
LED	SFH 4716AS	75*
FWHM / FWTM	38.0° / 58.0°	
Efficiency	94 %	60* 60*
LEDs/each optic	1	
Light colour	IR	g ² 62
Required components:		30° 25° 0° 15° 30°
OSRAM Opto Semiconductors		50° 50°
LED	SFH 4770S	
FWHM / FWTM	44.0° / 62.0°	25* 25*
Efficiency	96 %	
Peak intensity	1.9 cd/lm	
LEDs/each optic	1	
Light colour	IR	er et
Required components:		30 ¹ 15 ¹ 30 ⁰ 15 ¹



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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