

# 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:**

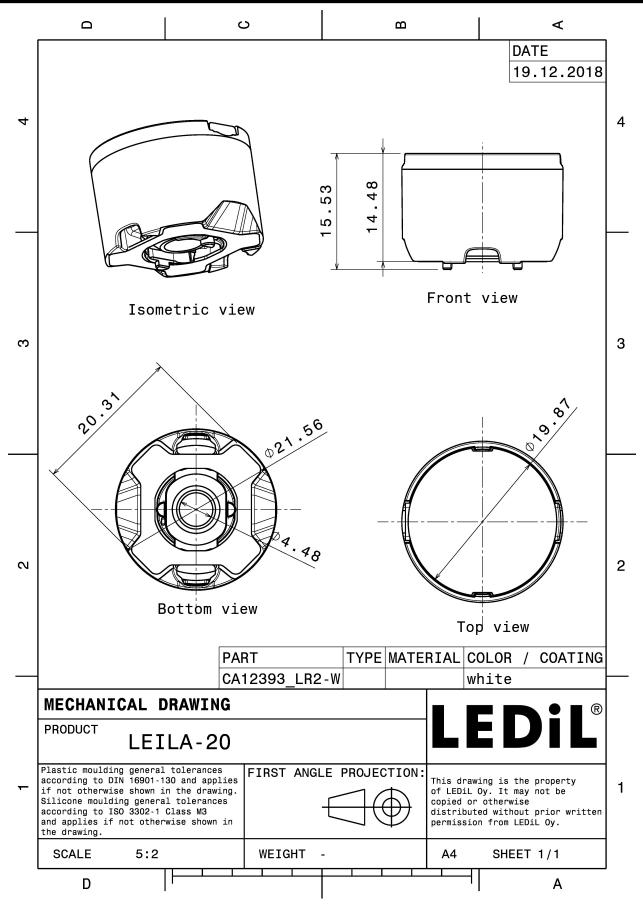
Component	Туре	Material	Colour	Finish
LXP2-W	Single lens	PMMA		
LR2-ES-LH1-HLD	Holder	PC	white	
HEIDI-TAPE	Таре	PU tape	black	

#### **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 <sup>4</sup>
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 <sup>5</sup>
Required components:		LIN .
		20 <sup>5</sup> 10 <sup>5</sup> 10 <sup>5</sup> 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°
<b>Μ</b> 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 <sup>5</sup>
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 <sup>4</sup> 10 <sup>50</sup> 20 <sup>4</sup> 20 <sup>4</sup>
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 <sup>2</sup> 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 <sup>1</sup> 15 <sup>1</sup> 30 <sup>0</sup> 15 <sup>1</sup>