

PRODUCT DATASHEET CA12838_FLARE-MINI-A-PIN

FLARE-MINI-A-PIN

 ${\sim}100^\circ$ x 20° oval beam. Assembly with location pins and installation tape.

SPECIFICATION:

Dimensions	Ø 16.0 mm
Height	9.1 mm
Fastening	tape, pin
ROHS compliant	yes 🛈



MATERIALS:

Component FLARE-MINI-A-PIN TINA-TAPE3

Туре
Single lens
Таре

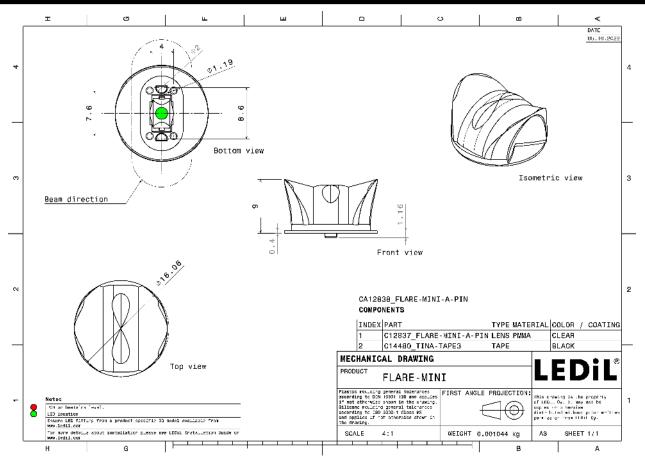
Material	Colour	Finish
PMMA	clear	
Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA12838_FLARE-MINI-A-PIN	Single lens	4600	230	230	7.4
» Box size: 460 x 250 x 300 mm					



PRODUCT DATASHEET CA12838_FLARE-MINI-A-PIN



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



r			
	D	and have been a second	
LED	XB-D		5
FWHM / FWTM	130.0 + 21.0° / 119.0 + 172.0°		1 m
Efficiency	94 %		KA
Peak intensity	0.8 cd/lm		
LEDs/each optic	1		
Light colour	White		- An
Required compone			
			FA
			$\sum X$
		2 ¹⁴ m/ et	19°
	D		
LED	XP-E		2
FWHM / FWTM	113.0 + 20.0° / 122.0 + 171.0°	and the second se	1 - Mark
Efficiency	94 %		NA
Peak intensity	0.9 cd/lm		1 /
LEDs/each optic	1		
Light colour	White		ar
Required compone	ents:		17 1/
			*
			-#C.
		80%	90*
LED	XP-E2	28	
LED FWHM / FWTM	XP-E2 93.0 + 14.0° / 150.0 + 24.0°		
LED FWHM / FWTM Efficiency	XP-E2 93.0 + 14.0° / 150.0 + 24.0° 94 %		
LED FWHM / FWTM Efficiency Peak intensity	XP-E2 93.0 + 14.0° / 150.0 + 24.0° 94 % 1.8 cd/lm		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XP-E2 93.0 + 14.0° / 150.0 + 24.0° 94 % 1.8 cd/lm 1	22	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-E2 93.0 + 14.0° / 150.0 + 24.0° 94 % 1.8 cd/lm 1 White	2200	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XP-E2 93.0 + 14.0° / 150.0 + 24.0° 94 % 1.8 cd/lm 1 White	25. er 57.	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-E2 93.0 + 14.0° / 150.0 + 24.0° 94 % 1.8 cd/lm 1 White	25. er 57.	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-E2 93.0 + 14.0° / 150.0 + 24.0° 94 % 1.8 cd/lm 1 White	25. er 57.	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-E2 93.0 + 14.0° / 150.0 + 24.0° 94 % 1.8 cd/lm 1 White ents:	25. er 57.	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-E2 93.0 + 14.0° / 150.0 + 24.0° 94 % 1.8 cd/lm 1 White ents:	25. er 57.	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-E2 93.0 + 14.0° / 150.0 + 24.0° 94 % 1.8 cd/lm 1 White ents:		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-E2 93.0 + 14.0° / 150.0 + 24.0° 94 % 1.8 cd/lm 1 White ents:		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-E2 93.0 + 14.0° / 150.0 + 24.0° 94 % 1.8 cd/lm 1 White ents:		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Required compone ELED FWHM / FWTM Efficiency Peak intensity	XP-E2 93.0 + 14.0° / 150.0 + 24.0° 94 % 1.8 cd/lm 1 White ents: XP-G 114.0 + 22.0° / 120.0 + 158.0°		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Required compone LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XP-E2 93.0 + 14.0° / 150.0 + 24.0° 94 % 1.8 cd/lm 1 White ents: XP-G 114.0 + 22.0° / 120.0 + 158.0° 94 %		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Required compone Equired compone Efficiency Peak intensity LEDs/each optic Light colour	XP-E2 93.0 + 14.0° / 150.0 + 24.0° 94 % 1.8 cd/lm 1 White ents: XP-G 114.0 + 22.0° / 120.0 + 158.0° 94 % 0.8 cd/lm 1 White		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Required compone LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XP-E2 93.0 + 14.0° / 150.0 + 24.0° 94 % 1.8 cd/lm 1 White ents: XP-G 114.0 + 22.0° / 120.0 + 158.0° 94 % 0.8 cd/lm 1 White		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Required compone Equired compone Efficiency Peak intensity LEDs/each optic Light colour	XP-E2 93.0 + 14.0° / 150.0 + 24.0° 94 % 1.8 cd/lm 1 White ents: XP-G 114.0 + 22.0° / 120.0 + 158.0° 94 % 0.8 cd/lm 1 White		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Required compone Equired compone Efficiency Peak intensity LEDs/each optic Light colour	XP-E2 93.0 + 14.0° / 150.0 + 24.0° 94 % 1.8 cd/lm 1 White ents: XP-G 114.0 + 22.0° / 120.0 + 158.0° 94 % 0.8 cd/lm 1 White		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone Required compone Equired compone Efficiency Peak intensity LEDs/each optic Light colour	XP-E2 93.0 + 14.0° / 150.0 + 24.0° 94 % 1.8 cd/lm 1 White ents: XP-G 114.0 + 22.0° / 120.0 + 158.0° 94 % 0.8 cd/lm 1 White		



[
CREE ÷ LE	D	
LED	XP-G2	
FWHM / FWTM	94.0 + 19.0° / 152.0 + 31.0°	
Efficiency	94 %	
Peak intensity	1.3 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
	D	
LED	XP-L HD	
FWHM / FWTM	109.0 + 26.0° / 152.0 + 43.0°	24
Efficiency	91 %	
Peak intensity	0.8 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
CREE÷ LE	D	
LED	XP-L2	3
FWHM / FWTM	100.0 + 28.0° / 153.0 + 49.0°	
Efficiency	94 %	
Peak intensity	0.8 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
	D	
LED	XT-E	The second se
FWHM / FWTM	124.0 + 22.0° / 119.0 + 173.0°	
Efficiency	94 %	
Peak intensity	0.7 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
		2* 2 0

Last update: 29/06/2023Subject to change without prior noticePublished: 13/09/2019LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.4/13



CUMIL	EDS	1.7 m
LED	LUXEON CZ	
FWHM / FWTM	105.0 + 9.0° / 145.0 + 16.0°	
Efficiency	94 %	
Peak intensity	2.4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
		**
	EDC	
		*** 5 8
LED	LUXEON T	
FWHM / FWTM	95.0 + 19.0° / 30.0 + 148.0°	
Efficiency	93 %	and the second se
Peak intensity	1.3 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
	EDS	1."
LED	LUXEON TX	
FWHM / FWTM	93.0 + 19.0° / 145.0 + 31.0°	37
Efficiency	94 %	
Peak intensity	1.3 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
ØNICHI/	λ	27
LED	NCSxx19A	
FWHM / FWTM	112.0 + 20.0° / 104.0 + 167.0°	
Efficiency	94 %	
Peak intensity	0.9 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	



ØNICHI			
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NCSxx19B 95.0 + 15.0° / 151.0 + 27.0° 94 % 1.6 cd/lm 1 White		
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSW219F 99.0 + 21.0° / 149.0 + 35.0° 94 % 1.1 cd/lm 1 White	2	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSxx19B/NVSxx19C 101.0 + 20.0° / 145.0 + 32.0° 94 % 1.2 cd/lm 1 White	ananan an Marina ang ang ang ang ang ang ang ang ang a	
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	OSLON Square PC 116.0 + 22.0° / 114.0 + 172.0° 94 % 0.8 cd/lm 1 White ints:		

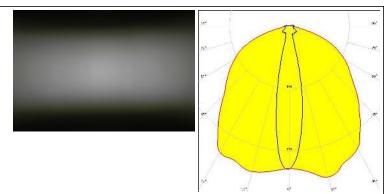


OSRAM		
Opto Semiconductors	OSLON SSL 150	
FWHM / FWTM	106.0 + 11.0° / 22.0 + 152.0°	
	93 %	
Efficiency	93 % 1.7 cd/lm	
Peak intensity		
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
OSRAM		
Opto Semiconductors		
LED	OSLON SSL 80	
FWHM / FWTM	84.0 + 12.0° / 23.0 + 144.0°	
Efficiency	93 %	r
Peak intensity	2 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	Ash Market
SAMS	ING	2
LED	LH351Z	
FWHM / FWTM	95.0 + 19.0° / 133.0 + 31.0°	
Efficiency	94 %	
Peak intensity	1.5 cd/lm	
LEDs/each optic	1	
Light colour	White	47 - 28/2
Required compone		
Required compone	ino.	
CROID		8.5 Berlin -
SEQUE SEMICONDUCTOR	75110	**************************************
LED	Z5M3	
FWHM / FWTM	102.0 + 20.0° / 149.0 + 37.0°	
Efficiency	94 %	e
Peak intensity	1.1 cd/lm	
LEDs/each optic	1	
Light colour		
	White	
Required compone		



SECUR
SEQUE SEMICONDUCTOR
LED
FWHM / FWTM
Efficiency
Peak intensity
LEDs/each optic
Light colour
Required componen

Z8Y22P 115.0 + 21.0° / 154.0 + 34.0° 94 % 1 cd/lm 1 White





r		
		v *
LED	XP-G3	
FWHM / FWTM	93.0 + 20.0° / 150.0 + 37.0°	n:
Efficiency	94 %	
Peak intensity	1.1 cd/lm	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
LEDs/each optic	1	
Light colour	' White	w 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Required components:	WING	
		XXXX
		1 million with the second seco
LED	XQ-E HD	
FWHM / FWTM	78.0 + 11.0° / 131.0 + 21.0°	
Efficiency	95 %	
Peak intensity	2.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:	White	Concernent Street
		× "/ ~ ~ ~ ~
	DS	
LED	LUXEON C	
FWHM / FWTM	11.0 + 84.0° / 21.0 + 168.0°	
Efficiency	92 %	
Peak intensity	1.6 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
	DS	er
LED	LUXEON CZ	
FWHM / FWTM	75.0 + 10.0° / 139.0 + 19.0°	
Efficiency	95 %	
Peak intensity	2.5 cd/lm	
LEDs/each optic	1	
Light colour	Red	
Required components:		
1		
		1 - A A A A
		× ", × ×



LUMILE	DS	4.5 M
LED FWHM / FWTM	LUXEON H50-2 18.0 + 86.0° / 31.0 + 137.0°	21
Efficiency	93 %	
Peak intensity	1.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components		
	DS	
LED	LUXEON Rubix	
FWHM / FWTM	80.0 + 10.0° / 142.0 + 18.0°	
Efficiency	96 %	200
Peak intensity	2.5 cd/lm	
LEDs/each optic	1	
Light colour	Blue	
Required components	:	
	DS	2.7 e ² 10 ²
LED	LUXEON Rubix	
FWHM / FWTM	79.0 + 10.0° / 143.0 + 18.0°	
Efficiency	96 %	
Peak intensity	2.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components		
	DS	
LED	LUXEON Rubix	
FWHM / FWTM	76.0 + 10.0° / 140.0 + 18.0°	
Efficiency	96 %	
Peak intensity	2.7 cd/lm	
LEDs/each optic	1	
Light colour	Red	and the second sec
Required components	:	



	DS	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON Rubix 79.0 + 10.0° / 142.0 + 18.0° 96 % 2.5 cd/lm 1 Green	
)S	E7
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON Z ES 84.0 + 13.0° / 141.0 + 22.0° 95 % 2.1 cd/lm 1 White	
ØNICHIA		6.7 W
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NCSxE17A 79.0 + 12.0° / 140.0 + 22.0° 95 % 2 cd/lm 1 White	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NVSxE21A 91.0 + 16.0° / 143.0 + 27.0° 94 % 1.5 cd/lm 1 White	22 22 50 6 50 50 50 50 50 50 50 50 50 50



1

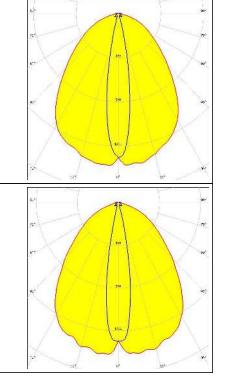
0	S	D	Δ	N	1
Opt	o Sen	nico	ndu	cto	0

LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSLON Square CSSRM2/CSSRM3 89.0 + 18.0° / 145.0 + 31.0° 94 % 1.4 cd/lm White

CHOIL

SEQUE SEMICONDUCTOR LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:

Z5M1/Z5M2 91.0 + 20.0° / 141.0 + 30.0° 95 % 1.4 cd/lm 1 White





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:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

LEDiL Oy

Joensuunkatu 13 FI-24240 SALO Finland

LEDiL Inc. 228 West Page Street Suite D Sycamore IL 60178 USA

Ledil Optics Technology (Shenzhen) Co., Ltd. # 405 , Block B Casic Motor Building Shenzhen 518057 P.R.CHINA

Local sales and technical support www.ledil.com/ where_to_buy

Shipping locations Salo, Finland Hong Kong, China

Distribution Partners www.ledil.com/ where_to_buy