

# PRODUCT DATASHEET CA12764\_FLARE-MINI-A

# **FLARE-MINI-A**

~100° x 20° oval beam. Assembly with installation tape.

#### **SPECIFICATION:**

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



#### MATERIALS:

**Component** FLARE-MINI-A TINA-TAPE3

Туре	
Single lens	
Таре	

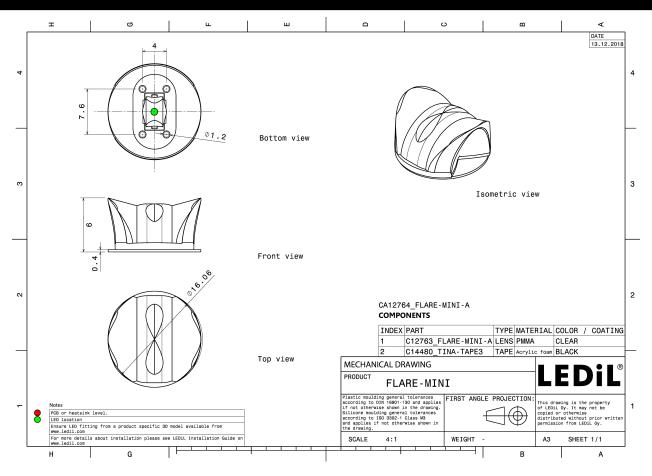
Material	Colour	Finish
PMMA	clear	
Acrylic foam	black	

#### **ORDERING INFORMATION:**

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA12764_FLARE-MINI-A	Single lens	4600	230	230	6.7
» Box size:					

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



CREE	90*
LED XB-D	
FWHM / FWTM 130.0 + 21.0° / 119.0 + 172.0°	25
	78*
Efficiency 94 %	200
Peak intensity 0.8 cd/lm	604
LEDs/each optic 1	400
Light colour White	5
Required components:	
	640
	$\square$
	80
	0 <sup>0</sup> 15 <sup>+</sup>
CREE ÷	90*
LED XP-E	$\langle \zeta \rangle$
FWHM / FWTM 113.0 + 20.0° / 171.0 + 22.0°	200
Efficiency 94 %	
Peak intensity 0.9 cd/lm	
LEDs/each optic 1	
Light colour White	57
Required components:	00
20" 20"	0 <sup>4</sup> 23 <sup>4</sup> 30 <sup>4</sup>
CREE ÷	0° 13° 30°
CREE LED XP-E2	0 <sup>1</sup> 121 20 <sup>1</sup>
CREE €       LED     XP-E2       FWHM / FWTM     92.0 + 12.0° / 152.0 + 24.0°	0 <sup>1</sup> 32 <sup>2</sup> 30 <sup>4</sup>
CREE ◆ LED     XP-E2       FWHM / FWTM     92.0 + 12.0° / 152.0 + 24.0°       Efficiency     94 %	0 <sup>1</sup> 23 <sup>2</sup> 30 <sup>4</sup>
CREE €     LED   XP-E2     FWHM / FWTM   92.0 + 12.0° / 152.0 + 24.0°     Efficiency   94 %     Peak intensity   2 cd/lm	0" 13" 34"
CREE €     LED   XP-E2     FWHM / FWTM   92.0 + 12.0° / 152.0 + 24.0°     Efficiency   94 %     Peak intensity   2 cd/lm     LEDs/each optic   1	00 00 00 00 00 00 00 00 00 00 00 00 00
CREE S LED XP-E2 FWHM / FWTM 92.0 + 12.0° / 152.0 + 24.0° Efficiency 94 % Peak intensity 2 cd/lm LEDs/each optic 1 Light colour White	0 <sup>1</sup> 13 <sup>2</sup> 3 <sup>4</sup>
CREE €     LED   XP-E2     FWHM / FWTM   92.0 + 12.0° / 152.0 + 24.0°     Efficiency   94 %     Peak intensity   2 cd/lm     LEDs/each optic   1	000 000 000 000 000 000 000 000 000 00
CREE S LED XP-E2 FWHM / FWTM 92.0 + 12.0° / 152.0 + 24.0° Efficiency 94 % Peak intensity 2 cd/lm LEDs/each optic 1 Light colour White	0, 137 30 <sup>4</sup>
CREE Image: Second Se	0° 13° 38°
CREE ÷   LED XP-E2   FWHM / FWTM 92.0 + 12.0° / 152.0 + 24.0°   Efficiency 94 %   Peak intensity 2 cd/lm   LEDs/each optic 1   Light colour White	00 30 00 00 00 00 00 00 00
CREE € LED XP-E2 FWHM / FWTM 92.0 + 12.0° / 152.0 + 24.0° Efficiency 94 % Peak intensity 2 cd/lm LEDs/each optic 1 Light colour White Required components:	
CREE S LED XP-E2 FWHM / FWTM 92.0 + 12.0° / 152.0 + 24.0° Efficiency 94 % Peak intensity 2 cd/m LEDs/each optic 1 Light colour White Required components:	00 123 204 00 123 004 00 00 00 00 00 00 00 00 00 00 00 00 00
CREES     LED   XP-E2     FWHM / FWTM   92.0 + 12.0° / 152.0 + 24.0°     Efficiency   94 %     Peak intensity   2 cd/lm     LEDs/each optic   1     Light colour   White     Required components:   ************************************	
CREE LED XP-E2 FWHM / FWTM 92.0 + 12.0° / 152.0 + 24.0° Efficiency 94 % Peak intensity 2 cd/lm LEDs/each optic 1 Light colour White Required components: CREE LED XP-G FWHM / FWTM 114.0 + 22.0° / 120.0 + 158.0°	
$\begin{array}{c c} \hline \\ \hline $	
CREE   S     LED   XP-E2     FWHM / FWTM   92.0 + 12.0° / 152.0 + 24.0°     Efficiency   94 %     Peak intensity   2 cd/lm     LEDs/each optic   1     Light colour   White     Required components:   Image: CREE     CREE   S     LED   XP-G     FWHM / FWTM   114.0 + 22.0° / 120.0 + 158.0°     Efficiency   94 %     Peak intensity   0.8 cd/lm	
CREE ÷     LED   XP-E2     FWHM / FWTM   92.0 + 12.0° / 152.0 + 24.0°     Efficiency   94 %     Peak intensity   2 cd/lm     LEDs/each optic   1     Light colour   White     Required components:   Image: Cree *     CREE ÷   LED     LED   XP-G     FWHM / FWTM   114.0 + 22.0° / 120.0 + 158.0°     Efficiency   94 %     Peak intensity   0.8 cd/lm     LEDs/each optic   1	
CREE ÷     LED   XP-E2     FWHM / FVTM   92.0 + 12.0° / 152.0 + 24.0°     Efficiency   94 %     Peak intensity   2 cd/m     LEDs/each optic   1     Light colour   White     Required components:   ************************************	
CREE ÷     LED   XP-E2     FWHM / FWTM   92.0 + 12.0° / 152.0 + 24.0°     Efficiency   94 %     Peak intensity   2 cd/lm     LEDs/each optic   1     Light colour   White     Required components:   Image: Cree *     CREE ÷   K     LED   XP-G     FWHM / FWTM   114.0 + 22.0° / 120.0 + 158.0°     Efficiency   94 %     Peak intensity   0.8 cd/lm     LEDs/each optic   1	
CREE ÷	
CREE ÷     LED   XP-E2     FWHM / FVTM   92.0 + 12.0° / 152.0 + 24.0°     Efficiency   94 %     Peak intensity   2 cd/m     LEDs/each optic   1     Light colour   White     Required components:   ************************************	



			90* 99*
LED	XP-G2		
FWHM / FWTM	94.0 + 19.0° / 152.0 + 31.0°		75
Efficiency	94 %		400
Peak intensity	1.3 cd/lm		
LEDs/each optic	1		
Light colour	White		95° 840 85°
Required componer	nts:		
			36* 15° 0* 15°
CREE ≑			
LEDS			90* 90*
	XP-L HD	- CONTRACTOR OF THE OWNER OWNER OF THE OWNER	750 780
FWHM / FWTM	114.0 + 25.0° / 152.0 + 43.0°		
Efficiency	91 %		60* 60*
Peak intensity	0.8 cd/lm		
LEDs/each optic	1		
Light colour	White		45°
Required componer	115:		
			80
			210
			15 <sup>4</sup> 0 <sup>4</sup> 15 <sup>*</sup>
CREE ≑			
	VD I 2		90° 90° 90°
LED	XP-L2		20° 20° 20° 20° 20° 20° 20° 20° 20° 20°
LED FWHM / FWTM	100.0 + 28.0° / 153.0 + 49.0°		200 Pr
LED FWHM / FWTM Efficiency	100.0 + 28.0° / 153.0 + 49.0° 94 %		200 (a <sup>+</sup> )
LED FWHM / FWTM Efficiency Peak intensity	100.0 + 28.0° / 153.0 + 49.0° 94 % 0.8 cd/lm		200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	100.0 + 28.0° / 153.0 + 49.0° 94 % 0.8 cd/lm 1		71 - 200 64 <sup>4</sup> - 446
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	100.0 + 28.0° / 153.0 + 49.0° 94 % 0.8 cd/lm 1 White		71 72 72 72 72 72 72 72 72 72 72 72 72 72
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	100.0 + 28.0° / 153.0 + 49.0° 94 % 0.8 cd/lm 1 White		71 - 200 64 <sup>4</sup> - 446
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	100.0 + 28.0° / 153.0 + 49.0° 94 % 0.8 cd/lm 1 White		71 72 72 72 72 72 72 72 72 72 72 72 72 72
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	100.0 + 28.0° / 153.0 + 49.0° 94 % 0.8 cd/lm 1 White		71 72 72 72 72 72 72 72 72 72 72 72 72 72
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required componen	100.0 + 28.0° / 153.0 + 49.0° 94 % 0.8 cd/lm 1 White		71 72 72 72 72 72 72 72 72 72 72 72 72 72
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	100.0 + 28.0° / 153.0 + 49.0° 94 % 0.8 cd/lm 1 White		71 72 72 72 72 72 72 72 72 72 72 72 72 72
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	100.0 + 28.0° / 153.0 + 49.0° 94 % 0.8 cd/lm 1 White		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	100.0 + 28.0° / 153.0 + 49.0° 94 % 0.8 cd/lm 1 White hts:		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	100.0 + 28.0° / 153.0 + 49.0° 94 % 0.8 cd/lm 1 White hts:		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component CREE LED FWHM / FWTM	100.0 + 28.0° / 153.0 + 49.0° 94 % 0.8 cd/lm 1 White hts: XT-E 124.0 + 22.0° / 119.0 + 173.0°		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component ELED FWHM / FWTM Efficiency	100.0 + 28.0° / 153.0 + 49.0° 94 % 0.8 cd/lm 1 White hts: XT-E 124.0 + 22.0° / 119.0 + 173.0° 94 %		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component Efficiency Peak intensity LEDs/each optic Light colour	100.0 + 28.0° / 153.0 + 49.0° 94 % 0.8 cd/lm 1 White tts: XT-E 124.0 + 22.0° / 119.0 + 173.0° 94 % 0.7 cd/lm 1 White		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component Efficiency Peak intensity LEDs/each optic	100.0 + 28.0° / 153.0 + 49.0° 94 % 0.8 cd/lm 1 White tts: XT-E 124.0 + 22.0° / 119.0 + 173.0° 94 % 0.7 cd/lm 1 White		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component Efficiency Peak intensity LEDs/each optic Light colour	100.0 + 28.0° / 153.0 + 49.0° 94 % 0.8 cd/lm 1 White tts: XT-E 124.0 + 22.0° / 119.0 + 173.0° 94 % 0.7 cd/lm 1 White		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component Efficiency Peak intensity LEDs/each optic Light colour	100.0 + 28.0° / 153.0 + 49.0° 94 % 0.8 cd/lm 1 White tts: XT-E 124.0 + 22.0° / 119.0 + 173.0° 94 % 0.7 cd/lm 1 White		
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component Efficiency Peak intensity LEDs/each optic Light colour	100.0 + 28.0° / 153.0 + 49.0° 94 % 0.8 cd/lm 1 White tts: XT-E 124.0 + 22.0° / 119.0 + 173.0° 94 % 0.7 cd/lm 1 White		



LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NCSxx19A 112.0 + 20.0° / 104.0 + 167.0° 94 % 0.9 cd/lm 1 White	
<b>ØNICHI</b>		50° 50°
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 nts:	
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 nts:	
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	OSLON SSL 150 106.0 + 11.0° / 22.0 + 152.0° 93 % 1.7 cd/lm 1 White nts:	



OSRAM Opto Semiconductors		90° 9
LED	OSLON SSL 80	77
FWHM / FWTM	84.0 + 12.0° / 23.0 + 144.0°	
Efficiency	93 %	60
Peak intensity	2 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
SAMSI	JNG	99 <sup>4</sup>
LED	LH351Z	
FWHM / FWTM	95.0 + 19.0° / 133.0 + 31.0°	37
Efficiency	94 %	
Peak intensity	1.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	20 <sup>4</sup>
SEOUL SEMICONDUCTOR		90'
	Z8Y22P	38
FWHM / FWTM	115.0 + 21.0° / 154.0 + 34.0°	
Efficiency	94 %	
Peak intensity	1 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	



# **OPTICAL RESULTS (SIMULATED):**

LED	XHP35 HD	7
FWHM / FWTM	31.0 + 96.0° / 51.0 + 146.0°	75° 75°
Efficiency	93 %	
Peak intensity	0.9 cd/lm	604 604
LEDs/each optic	1	
Light colour	' White	
Required components:		
		X Y Y X
		30° 15° 0° 18° 30°
CREE ≑		90° 90°
LEDS	XHP35 HI	
FWHM / FWTM	20.0 + 92.0° / 34.0 + 146.0°	75*
Efficiency	94 %	400
Peak intensity	1.3 cd/lm	60* 60*
LEDs/each optic	1	
Light colour	' White	9°
Required components:		
		30° 36° 36°
	)S	90° 90°
LED	LUXEON C	
FWHM / FWTM	11.0 + 84.0° / 21.0 + 168.0°	75* 75*
Efficiency	92 %	400
Peak intensity	1.6 cd/lm	60* 00°
LEDs/each optic	1	800
Light colour	White	5° 6°
Required components:		
		200
		30° 30 15° 0° 15°
SEOUL		50* 50*
SEOUL SEMICONDUCTOR	Z5M1/Z5M2	
FWHM / FWTM	25W1/25W2 91.0 + 19.0° / 141.0 + 29.0°	75* 75*
Efficiency	95%	400
Peak intensity	95 % 1.4 cd/lm	60* 60*
LEDs/each optic	1.4 coulini	
Light colour	u White	45° 600 45°
Required components:	Wille	
		1270
		122
		259