

FLARE-MINI-A

~100° x 20° oval beam

SPECIFICATION:

Dimensions	Ø 16.0 mm
Height	8.6 mm
Fastening	glue
ROHS compliant	yes 🛈



MATERIALS:

Component FLARE-MINI-A **Type** Single lens

Material	Colour	Finish
PMMA	clear	

ORDERING INFORMATION:

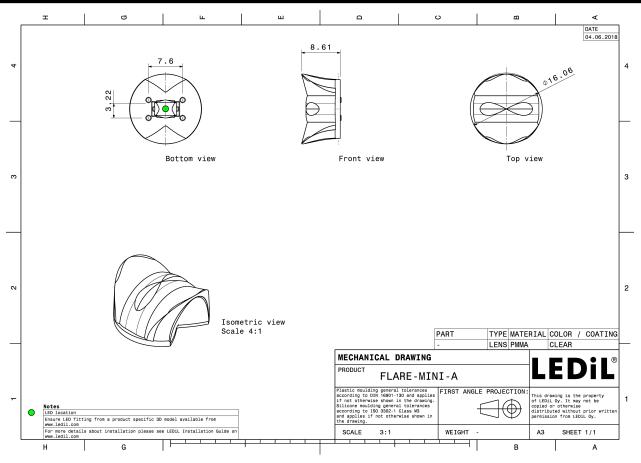
Component C12763_FLARE-MINI-A » Box size: 300 x 250 x 250 mm

Qty in box	MOQ	MPQ	Box weight (kg)
2400		120	3.8

PRODUCT DATASHEET C12763_FLARE-MINI-A



PRODUCT DATASHEET C12763_FLARE-MINI-A



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



OPTICAL RESULTS (MEASURED):

		50° 50°
LED	XB-D	75
FWHM / FWTM	95.0 + 16.0° / 29.0 + 160.0°	25
Efficiency	94 %	400
Peak intensity	1.3 cd/lm	
LEDs/each optic	1	
Light colour	White	e32 840 e34
Required compone	nts:	
		300 300
CREE ≑		235 ¹ 0 ⁶ 125 ⁴
LEDS		90° 90°
LED	XP-E	250
FWHM / FWTM	95.0 + 17.0° / 152.0 + 27.0°	
Efficiency	94 %	60° 60°
Peak intensity	1.6 cd/lm	
LEDs/each optic	1	
Light colour	White	er
Required component	nts:	
		30* 36*
CREE ÷		
		90 ⁺ 90 ⁺
LED	XP-E2	39° 90°
LED FWHM / FWTM	94.0 + 16.0° / 151.0 + 27.0°	22 23 24 25 25 25 25 25 25 25 25 25 25 25 25 25
LED LED FWHM / FWTM Efficiency	94.0 + 16.0° / 151.0 + 27.0° 94 %	64 65 70 70 70 70 70 70 70 70 70 70 70 70 70
LEDs LED FWHM / FWTM Efficiency Peak intensity	94.0 + 16.0° / 151.0 + 27.0° 94 % 1.6 cd/lm	
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	94.0 + 16.0° / 151.0 + 27.0° 94 % 1.6 cd/lm 1	
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	94.0 + 16.0° / 151.0 + 27.0° 94 % 1.6 cd/lm 1 White	400 400 400 400 400 400 400 400
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	94.0 + 16.0° / 151.0 + 27.0° 94 % 1.6 cd/lm 1 White	90 ⁴ 75 60 60 75 75 80 80 80 80 80 80 80 80 80 80 80 80 80
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	94.0 + 16.0° / 151.0 + 27.0° 94 % 1.6 cd/lm 1 White	94 95 95 860 800 800 800 800 800 800 800 800 800
LEDs EWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	94.0 + 16.0° / 151.0 + 27.0° 94 % 1.6 cd/lm 1 White	90 ⁴ 90
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	94.0 + 16.0° / 151.0 + 27.0° 94 % 1.6 cd/lm 1 White	20 20 20 20 20 20 20 20 20 20
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	94.0 + 16.0° / 151.0 + 27.0° 94 % 1.6 cd/lm 1 White	1200 200 200
LEDS LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	94.0 + 16.0° / 151.0 + 27.0° 94 % 1.6 cd/lm 1 White nts:	
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component	94.0 + 16.0° / 151.0 + 27.0° 94 % 1.6 cd/lm 1 White nts:	
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component CREE LEDs LED FWHM / FWTM	94.0 + 16.0° / 151.0 + 27.0° 94 % 1.6 cd/lm 1 White nts: XP-G 99.0 + 21.0° / 154.0 + 35.0°	
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component LED LED FWHM / FWTM Efficiency	94.0 + 16.0° / 151.0 + 27.0° 94 % 1.6 cd/lm 1 White nts: XP-G 99.0 + 21.0° / 154.0 + 35.0° 94 %	
LEDs LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required component Required component ELED FWHM / FWTM Efficiency Peak intensity	94.0 + 16.0° / 151.0 + 27.0° 94 % 1.6 cd/lm 1 White nts: XP-G 99.0 + 21.0° / 154.0 + 35.0° 94 % 1.1 cd/lm	
LEDS LED FWHM / FWTM Efficiency Peak intensity LEDS/each optic Light colour Required component CREE LEDS LED FWHM / FWTM Efficiency Peak intensity LEDS/each optic	94.0 + 16.0° / 151.0 + 27.0° 94 % 1.6 cd/lm 1 White nts: XP-G 99.0 + 21.0° / 154.0 + 35.0° 94 % 1.1 cd/lm 1	
LEDS LED FWHM / FWTM Efficiency Peak intensity LEDS/each optic Light colour Required component CREE LED FWHM / FWTM Efficiency Peak intensity LEDS/each optic Light colour	94.0 + 16.0° / 151.0 + 27.0° 94 % 1.6 cd/lm 1 White nts: XP-G 99.0 + 21.0° / 154.0 + 35.0° 94 % 1.1 cd/lm 1 White	94 95 95 64 60 60 60 60
LEDS LED FWHM / FWTM Efficiency Peak intensity LEDS/each optic Light colour Required component CREE LED FWHM / FWTM Efficiency Peak intensity LEDS/each optic	94.0 + 16.0° / 151.0 + 27.0° 94 % 1.6 cd/lm 1 White nts: XP-G 99.0 + 21.0° / 154.0 + 35.0° 94 % 1.1 cd/lm 1 White	94 95 95 64 60 60 60 60
LEDS LED FWHM / FWTM Efficiency Peak intensity LEDS/each optic Light colour Required component CREE LED FWHM / FWTM Efficiency Peak intensity LEDS/each optic Light colour	94.0 + 16.0° / 151.0 + 27.0° 94 % 1.6 cd/lm 1 White nts: XP-G 99.0 + 21.0° / 154.0 + 35.0° 94 % 1.1 cd/lm 1 White	529 3 ⁶ 15 ⁷ 16 ⁹ 10 ⁹
LEDS LED FWHM / FWTM Efficiency Peak intensity LEDS/each optic Light colour Required component CREE LED FWHM / FWTM Efficiency Peak intensity LEDS/each optic Light colour	94.0 + 16.0° / 151.0 + 27.0° 94 % 1.6 cd/lm 1 White nts: XP-G 99.0 + 21.0° / 154.0 + 35.0° 94 % 1.1 cd/lm 1 White	529 3 ⁶ 15 ⁷ 16 ⁹ 10 ⁹



OPTICAL RESULTS (MEASURED):

		90*	90*
LED	XP-L HD		57
FWHM / FWTM	106.0 + 29.0° / 152.0 + 49.0°	75%	750
Efficiency	94 %		200
Peak intensity	0.8 cd/lm	804	604
LEDs/each optic	1		
	ı White		
Light colour		143° - 1	49°
Required compone	ans.		600
		30*	15 ⁵ 0° 18° 30°
CREE ≑			
LED	XP-L2	90°	90*
FWHM / FWTM	∧r-∟z 100.0 + 30.0° / 152.0 + 53.0°	750	75*
Efficiency	94 %		
Peak intensity	0.8 cd/lm		
LEDs/each optic	1		460
Light colour	White	45.	ar 1
Required compone	ents:		
		30*	800 15° 0° 15° 30°
		50*	90*
LED	XT-E		35
FWHM / FWTM	95.0 + 19.0° / 160.0 + 32.0°	75.	73.
Efficiency	94 %		
Peak intensity	1.2 cd/lm	601	400 60°
LEDs/each optic	1		
Light colour	' White	95	45%
Required compone			
Required compone	ans.		
		\rightarrow	
		7 ^{dr}	1200 36° 15° 0° 15°
ØNICHI/		50*	90*
LED	- NCSxx19A		T
FWHM / FWTM	87.0 + 15.0° / 141.0 + 26.0°	731	
Efficiency	94 %		400
		601	
Peak intensity	1.5 cd/lm		
LEDs/each optic	1		800
Light colour	White	× 1	
Required compone	ents:		
			1230
		\sim	
		300	15°
			1500 40



OPTICAL RESULTS (MEASURED):

		90 [*]
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NCSxx19B 95.0 + 17.0° / 135.0 + 29.0° 94 % 1.5 cd/lm 1 White	27 5 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
OSRAM		15° (5°) 15°
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	OSLON Square EC 90.0 + 20.0° / 146.0 + 33.0° 94 % 1.3 cd/lm 1 White nts:	90 ⁴ 90 ⁴ 90 ⁴ 400 90 ⁴ 60 ⁴ 90 ⁴ 60 ⁴ 90 ⁴ 60 ⁴
		 200 20°
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	OSLON SSL 150 108.0 + 12.0° / 150.0 + 23.0° 93 % 1.6 cd/Im 1 White nts:	99" 90" 73" 70" 60" 60" 60" 60" 60" 60"
000000		
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	OSLON SSL 80 81.0 + 13.0° / 138.0 + 24.0° 93 % 2 cd/lm 1 White nts:	90 ⁴ 90 ⁴ 27 90 ⁵ 90 ⁶ 97 90 ⁶ 90 ⁶ 90 ⁶ 90 ⁶ 90 ⁶ 90 ⁶ 90 ⁶
		30° 10° 0° 10° 30°



OPTICAL RESULTS (SIMULATED):

CREE C LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XP-G2 HE 95.0 + 25.0° / 144.0 + 43.0° 94 % 1 cd/lm 1 White	
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON C 14.0 + 88.0° / 25.0 + 170.0° 93 % 1.5 cd/lm 1 White	50 50 50 50 50 50 50 50 50 50
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NVSxx19B/NVSxx19C 22.0 + 93.0° / 36.0 + 141.0° 96 % 1.2 cd/lm 1 White	100 100 100 100 100 100 100 100 100 100