

## PRODUCT DATASHEET C13016\_FLARE-MINI-AD-PIN

## FLARE-MINI-AD-PIN

~100° x 20° oval beam. Assembly with location pins.

#### **SPECIFICATION:**

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



#### **MATERIALS:**

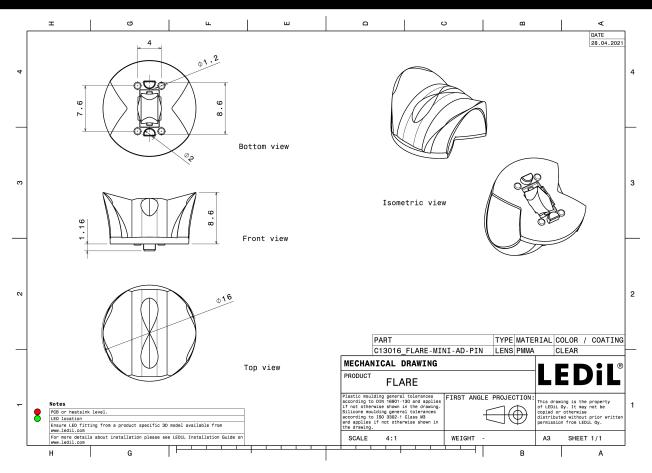
Component	Туре	Material	Colour	Finish
FLARE-MINI-AD-PIN	Single lens	PMMA	clear	

#### **ORDERING INFORMATION:**

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C13016_FLARE-MINI-AD-PIN	2400	360	120	4.0
» Box size: 300 x 250 x 250 mm				

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



#### **OPTICAL RESULTS (MEASURED):**

LED	XB-D
FWHM / FWTM	100.0 + 16.0° / 160.0 + 31.0°
Efficiency	93 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour	White
Required componer	its:



## 

LED

LED

LEDs/each optic

Required components:

Light colour

1

White

LED	XP-E2
FWHM / FWTM	93.0 +
Efficiency	94 %
Peak intensity	1.3 cd/
LEDs/each optic	1
Light colour	White
Required componen	ts:

## 19.0° / 150.0 + 33.0° l/Im

#### XP-G FWHM / FWTM 100.0 + 20.0° / 156.0 + 34.0° Efficiency 94 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour White Required components: XP-G2 FWHM / FWTM 97.0 + 24.0° / 154.0 + 41.0° Efficiency 94 % Peak intensity 1 cd/lm



## PRODUCT DATASHEET C13016\_FLARE-MINI-AD-PIN

#### **OPTICAL RESULTS (MEASURED):**

		50° 50°
LED	XP-L HD	
FWHM / FWTM	111.0 + 30.0° / 158.0 + 56.0°	731 781
Efficiency	90 %	
Peak intensity	0.7 cd/lm	er la
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
		35* 35 <sup>4</sup> 13 <sup>5</sup> 0 <sup>4</sup> 15 <sup>4</sup>
		5) <sup>4</sup>
LED	XP-L2	
FWHM / FWTM	100.0 + 30.0° / 150.0 + 57.0°	72
Efficiency	94 %	
Peak intensity	0.8 cd/lm	60 <sup>4</sup>
LEDs/each optic	1	
Light colour	White	
Required compone		
		89
		30" 15 <sup>5</sup> 0 <sup>5</sup> 15 <sup>6</sup> 30 <sup>6</sup>
LED	XT-E	
FWHM / FWTM	104.0 + 19.0° / 164.0 + 36.0°	
Efficiency	94 %	
Peak intensity	1.1 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
	EDC	
UMIL		80* 80*
LED	LUXEON CZ	7
FWHM / FWTM	101.0 + 13.0° / 151.0 + 27.0°	
Efficiency	94 %	at at
Peak intensity	1.6 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
		100
		50° 30°
		11 <sup>3</sup> 0 <sup>3</sup> 1 <sup>3</sup> 7 <sup>4</sup>



#### **OPTICAL RESULTS (MEASURED):**

ØNICHI/	•	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSW219F 101.0 + 26.0° / 149.0 + 45.0° 94 % 0.9 cd/lm 1 White	
ØNICHI/	N Contraction of the second se	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	NVSxx19A 100.0 + 20.0° / 147.0 + 34.0° 94 % 1.1 cd/lm 1 White ents:	
OSRAM Opto Semiconductors		30' 30'
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	OSLON Square EC 92.0 + 21.0° / 148.0 + 36.0° 94 % 1.1 cd/lm 1	
Light colour Required compone	White ents:	
SAMS	UNG	251 250
LED FWHM / FWTM Efficiency Peak intensity	LH351B 98.0 + 24.0° / 141.0 + 42.0° 94 % 1 cd/lm	
LEDs/each optic Light colour Required compone	1 White ents:	
		20° 22 <sup>1</sup> 0° 12° 20



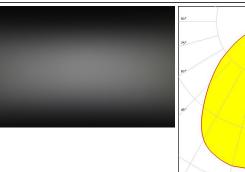
#### **OPTICAL RESULTS (MEASURED):**

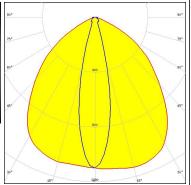
## SAMSUNG

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F	v	٧ŀ	-	٨

M / FWTM Efficiency Peak intensity LEDs/each optic 1 Light colour Required components:

LH351Z 99.0 + 25.0° / 134.0 + 42.0° 94 % 1.1 cd/lm White







#### **OPTICAL RESULTS (SIMULATED):**

		90* 90*
LED	XP-G2 HE	74
FWHM / FWTM	96.0 + 26.0° / 145.0 + 44.0°	75°
Efficiency	94 %	
Peak intensity	1 cd/im	50% 60%
LEDs/each optic	1	
Light colour	White	45*
Required components:		
		30° 15° 30°
		90° 90°
LED	XP-G3	
FWHM / FWTM	94.0 + 22.0° / 149.0 + 41.0°	75°
Efficiency	94 %	
Peak intensity	1.1 cd/lm	60°
LEDs/each optic	1	
Light colour	White	42*
Required components:		
		15° 0° 15°
		90 <sup>4</sup> 99 <sup>4</sup>
	XP-G4	90 <sup>4</sup>
LED		99 <sup>4</sup> 97
LED FWHM / FWTM	XP-G4 90.0 + 21.0° / 127.0 + 36.0° 97 %	400 305 305
LED FWHM / FWTM Efficiency	90.0 + 21.0° / 127.0 + 36.0° 97 %	50° 50°
LED FWHM / FWTM Efficiency Peak intensity	90.0 + 21.0° / 127.0 + 36.0°	90 <sup>4</sup> 90 <sup>4</sup> 90 <sup>4</sup> 800 800
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	90.0 + 21.0° / 127.0 + 36.0° 97 % 1.4 cd/lm	50° 90° 27° 00° 60°
LED FWHM / FWTM Efficiency Peak intensity	90.0 + 21.0° / 127.0 + 36.0° 97 % 1.4 cd/lm 1	64
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	90.0 + 21.0° / 127.0 + 36.0° 97 % 1.4 cd/lm 1	64
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	90.0 + 21.0° / 127.0 + 36.0° 97 % 1.4 cd/lm 1	60° - 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	90.0 + 21.0° / 127.0 + 36.0° 97 % 1.4 cd/lm 1	64
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	90.0 + 21.0° / 127.0 + 36.0° 97 % 1.4 cd/lm 1 White	64
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	90.0 + 21.0° / 127.0 + 36.0° 97 % 1.4 cd/lm 1 White	60° - 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	90.0 + 21.0° / 127.0 + 36.0° 97 % 1.4 cd/lm 1 White	64
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	90.0 + 21.0° / 127.0 + 36.0° 97 % 1.4 cd/lm 1 White S LUXEON C 15.0 + 94.0° / 24.0 + 172.0°	60° - 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	90.0 + 21.0° / 127.0 + 36.0° 97 % 1.4 cd/lm 1 White	64
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	90.0 + 21.0° / 127.0 + 36.0° 97 % 1.4 cd/lm 1 White S LUXEON C 15.0 + 94.0° / 24.0 + 172.0°	60° - 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	90.0 + 21.0° / 127.0 + 36.0° 97 % 1.4 cd/lm 1 White	64
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	90.0 + 21.0° / 127.0 + 36.0° 97 % 1.4 cd/lm 1 White <b>S</b> LUXEON C 15.0 + 94.0° / 24.0 + 172.0° 93 % 1.4 cd/lm	64
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	90.0 + 21.0° / 127.0 + 36.0° 97 % 1.4 cd/lm 1 White	60° - 60°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	90.0 + 21.0° / 127.0 + 36.0° 97 % 1.4 cd/lm 1 White	60° - 60°
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LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	90.0 + 21.0° / 127.0 + 36.0° 97 % 1.4 cd/lm 1 White	ga



#### **OPTICAL RESULTS (SIMULATED):**

#### **Μ**ΝΙCΗΙΛ

LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: NVSxx19B/NVSxx19C 95.0 + 22.0° / 144.0 + 37.0° 94 % 1.2 cd/lm 1 White

