

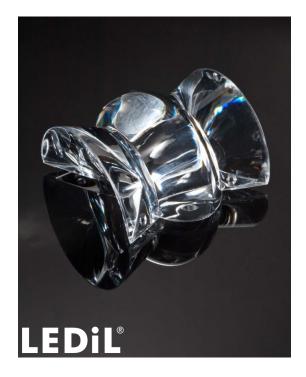
# PRODUCT DATASHEET CA14366\_FLARE-MAXI-TAPE

# FLARE-MAXI-TAPE

34 x 33 mm lens with  $\sim$ 100° x 15° oval beam. Assembly with installation tape.

### **SPECIFICATION:**

Dimensions	33.9 x 33.3 mm
Height	16.9 mm
Fastening	tape, pin
ROHS compliant	yes 🛈



### **MATERIALS:**

**Component** FLARE-MAXI FLARE-MAXI-TAPE

Туре	Mate
Single lens	PMM
Таре	Acryli

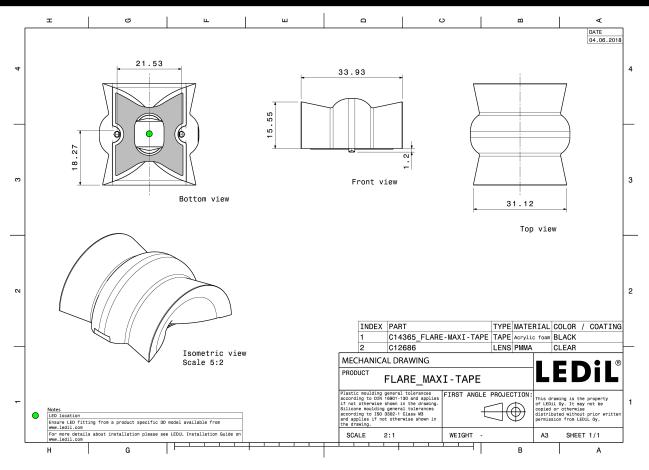
Colour	Finish
clear	
clear	
	clear

### **ORDERING INFORMATION:**

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA14366_FLARE-MAXI-TAPE	Single lens	864	144	72	9.7
» Box size:					



# PRODUCT DATASHEET CA14366\_FLARE-MAXI-TAPE



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



## 

LED	XM-L
FWHM / FWTM	96.0 + 15.0° / 175.0°
Efficiency	94 %
Peak intensity	2.1 cd/lm
LEDs/each optic	1
Light colour	White
Required componen	ts:

### 

LED	XM-L2	
FWHM / FWTM	105.0 + 13.0°	
Efficiency	96 %	
LEDs/each optic	1	
Light colour	White	
Required components:		

#### 

 LED
 XP-G

 FWHM / FWTM
 105.0 + 11.0° / 174.0°

 Efficiency
 94 %

 Peak intensity
 2.5 cd/lm

 LEDs/each optic
 1

 Light colour
 White

 Required components:
 1

#### 

LED	XP-G2
FWHM / FWTM	96.0 + 10.0° / 162.0°
Efficiency	94 %
Peak intensity	3.1 cd/lm
LEDs/each optic	1
Light colour	White
Required componen	ts:



CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-L HD 115.0 + 13.0° / 149.0 + 19.0° 94 % 2.1 cd/lm 1 White	97 75 64 65 75 800 800 67 800 67 800 800 800 800 800 800 800 800 800 80
CREE LEO FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-L2 99.0 + 13.0° / 158.0 + 21.0° 94 % 2 cd/lm 1 White	
CREE LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XT-E 96.0 + 10.0° / 183.0° 94 % 2.5 cd/lm 1 White	d <sup>4</sup>
ED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	LUXEON Rebel ES 91.0 + 10.0° / 164.0° 94 % 2.8 cd/lm 1 White	



## LUMILEDS

LED	LUXEON T
FWHM / FWTM	96.0 + 10.0° / 262.0°
Efficiency	92 %
Peak intensity	2.9 cd/lm
LEDs/each optic	1
Light colour	White
Required componen	its:

## LUMILEDS

 LED
 LUXEON TX

 FWHM / FWTM
 96.0 + 9.0° / 141.0°

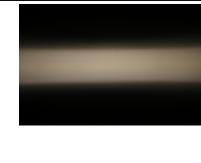
 Efficiency
 94 %

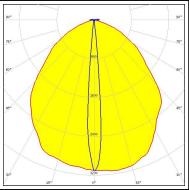
 Peak intensity
 3.2 cd/lm

 LEDs/each optic
 1

 Light colour
 White

 Required components:
 Ket State





## **ΜΝΙCΗΙΛ**

 LED
 NCSxx19B

 FWHM / FWTM
 98.0 + 9.0° / 170.0°

 Efficiency
 94 %

 Peak intensity
 3.5 cd/lm

 LEDs/each optic
 1

 Light colour
 White

 Required components:
 Kernents

### **Μ**ΝΙCΗΙΛ

- LEDNVS2FWHM / FWTM98.0Efficiency94 %Peak intensity2.4 cLEDs/each optic1Light colourWhiteRequired components:
- NVSxx19B/NVSxx19C 98.0 + 11.0° / 176.0° 94 % 2.4 cd/Im 1 White



#### OSRAM

LED	OSLON Square PC
FWHM / FWTM	98.0 + 13.0° / 178.0°
Efficiency	94 %
Peak intensity	2.5 cd/lm
LEDs/each optic	1
Light colour	White
Required componer	nts:

LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
SAMSI	JNG	90*
LED	LH351Z	
FWHM / FWTM	94.0 + 8.8° / 125.0 + 13.0°	
Efficiency	94 %	
Peak intensity	3.6 cd/lm	
LEDs/each optic	1	
Light colour	White	a
Required compone	ents:	
		30 30
SEQUL		
SEOUL SEMICONDUCTOR		97 97
LED	WICOP 5050	
FWHM / FWTM	112.0 + 17.0° / 158.0 + 27.0°	
Efficiency	93 %	
Peak intensity	1.4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	nts:	1230 29 <sup>4</sup> 29 <sup>-</sup>
SEOUL SEMICONDUCTOR		90°
LED	Z5M3	
FWHM / FWTM	97.0 + 10.0° / 154.0 + 17.0°	
Efficiency	94 %	
Peak intensity	2.6 cd/lm	
LEDs/each optic	1	
Light colour	White	9 <sup>4</sup> 100
Required compone	ents:	



SEOUL		
SEOUL SEMICONDUCTOR		90* 90*
LED	Z8Y22P	73*
FWHM / FWTM	104.0 + 10.0° / 160.0 + 17.0°	
Efficiency	93 %	607 607
Peak intensity	2.3 cd/lm	
LEDs/each optic	1	
Light colour	White	97
Required compone	nts:	204 <u>200</u> 204 <u>205</u> 25 25
SEOUL		90* 90*
	Z8Y50P	
		75* 75*
FWHM / FWTM	105.0 + 21.0° / 155.0 + 29.0°	
Efficiency	93 %	60* 60*
Peak intensity	1.3 cd/lm	
LEDs/each optic	1	
Light colour	White	95° 45°
Required compone	ints:	



LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XD16 62.0 + 8.0° / 146.0 + 15.0° 94 % 3.2 cd/lm 1 White	205 205 205 205 205 205 205 205
CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XHP35 HD 89.0 + 14.0° / 139.0 + 20.0° 91 % 2.2 cd/lm 1 White	5° 5° 5° 5° 5° 5° 5° 5° 5° 5° 5° 5° 5° 5
CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XHP35 HI 82.0 + 10.0° / 136.0 + 15.0° 93 % 3.2 cd/lm 1 White	20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XP-E2 6.0 + 41.0° / 13.0 + 109.0° 94 % 5.6 cd/lm 1 White	



MUMILED	DS	90* 90*
LED	LUXEON CZ	75*
FWHM / FWTM	4.0 + 34.0° / 10.0 + 107.0°	
Efficiency	95 %	60 <sup>1</sup> 60 <sup>1</sup>
Peak intensity	7.1 cd/lm	
LEDs/each optic	1	
Light colour	Red	er e
Required components:		
		30" 30" 30
	)S	
LED	LUXEON H50-2	
FWHM / FWTM	9.5 + 64.0° / 137.0°	
Efficiency	92 %	
Peak intensity	3.6 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
		90 <sup>4</sup> 90 <sup>4</sup>
LED	LUXEON Rubix	<u>8</u> , <u>8</u> , <u>8</u> ,
LED FWHM / FWTM	LUXEON Rubix 41.0 + 4.0° / 118.0 + 10.0°	
LED FWHM / FWTM Efficiency	LUXEON Rubix 41.0 + 4.0° / 118.0 + 10.0° 96 %	
LED FWHM / FWTM Efficiency Peak intensity	LUXEON Rubix 41.0 + 4.0° / 118.0 + 10.0° 96 % 6.7 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON Rubix 41.0 + 4.0° / 118.0 + 10.0° 96 % 6.7 cd/lm 1	64 <sup>-</sup> 66 <sup>4</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON Rubix 41.0 + 4.0° / 118.0 + 10.0° 96 % 6.7 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	LUXEON Rubix 41.0 + 4.0° / 118.0 + 10.0° 96 % 6.7 cd/lm 1	64 <sup>-</sup> 62 <sup>-</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON Rubix 41.0 + 4.0° / 118.0 + 10.0° 96 % 6.7 cd/lm 1	64 <sup>-</sup> 66 <sup>4</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON Rubix 41.0 + 4.0° / 118.0 + 10.0° 96 % 6.7 cd/lm 1	64 <sup>-</sup> 62 <sup>-</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON Rubix 41.0 + 4.0° / 118.0 + 10.0° 96 % 6.7 cd/lm 1	64 <sup>-</sup> 62 <sup>-</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	LUXEON Rubix 41.0 + 4.0° / 118.0 + 10.0° 96 % 6.7 cd/lm 1 Blue	64 <sup>-</sup> 66 <sup>4</sup>
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON Rubix 41.0 + 4.0° / 118.0 + 10.0° 96 % 6.7 cd/lm 1 Blue	30,         30,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON Rubix 41.0 + 4.0° / 118.0 + 10.0° 96 % 6.7 cd/lm 1 Blue S LUXEON Rubix	30,         30,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON Rubix 41.0 + 4.0° / 118.0 + 10.0° 96 % 6.7 cd/lm 1 Blue	30,         30,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON Rubix 41.0 + 4.0° / 118.0 + 10.0° 96 % 6.7 cd/lm 1 Blue S LUXEON Rubix 41.0 + 4.0° / 118.0 + 10.0° 96 %	30,         30,
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON Rubix 41.0 + 4.0° / 118.0 + 10.0° 96 % 6.7 cd/lm 1 Blue DS LUXEON Rubix 41.0 + 4.0° / 118.0 + 10.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON Rubix 41.0 + 4.0° / 118.0 + 10.0° 96 % 6.7 cd/lm 1 Blue Blue LUXEON Rubix 41.0 + 4.0° / 118.0 + 10.0° 96 % 6.6 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON Rubix 41.0 + 4.0° / 118.0 + 10.0° 96 % 6.7 cd/lm 1 Blue S LUXEON Rubix 41.0 + 4.0° / 118.0 + 10.0° 96 % 6.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON Rubix 41.0 + 4.0° / 118.0 + 10.0° 96 % 6.7 cd/lm 1 Blue S LUXEON Rubix 41.0 + 4.0° / 118.0 + 10.0° 96 % 6.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON Rubix 41.0 + 4.0° / 118.0 + 10.0° 96 % 6.7 cd/lm 1 Blue S LUXEON Rubix 41.0 + 4.0° / 118.0 + 10.0° 96 % 6.6 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: <b>WIM / EVTM</b> Efficiency Peak intensity LEDs/each optic Light colour	LUXEON Rubix 41.0 + 4.0° / 118.0 + 10.0° 96 % 6.7 cd/lm 1 Blue S LUXEON Rubix 41.0 + 4.0° / 118.0 + 10.0° 96 % 6.6 cd/lm 1	



UMILEC	DS Contraction of the second se	90*
LED	LUXEON Rubix	75
FWHM / FWTM	39.0 + 4.0° / 114.0 + 10.0°	
Efficiency	96 %	60° ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (
Peak intensity	7 cd/lm	
LEDs/each optic		
Light colour	Red	6 <sup>°</sup>
Required components:		
		30 <sup>6</sup> 12 <sup>5</sup> 0 <sup>6</sup> 12 <sup>6</sup> 30
	95	90 <sup>4</sup> 90
LED	LUXEON Rubix	
FWHM / FWTM	40.0 + 4.0° / 117.0 + 10.0°	73
Efficiency	96 %	60°
Peak intensity	6.7 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
		30° 30.
	S	90 <sup>4</sup> 90 <sup>4</sup>
LED	SFT-40-WCS	
FWHM / FWTM	61.0 + 8.0° / 129.0 + 14.0°	25
Efficiency	96 %	
Peak intensity	4.1 cd/lm	
LEDs/each optic	1	
Light colour	White	43° 45
Required components:		
		30- 25 00 25 36
	JS	20 <u>10</u> <u>10</u> <u>10</u> <u>10</u>
		20 <sup>1</sup> 0 <sup>1</sup> 12 <sup>2</sup> X
LED	SFT-70X-WCS	20 <sup>-1</sup> 0 <sup>-1</sup> 20 <sup>-1</sup> 00
LED FWHM / FWTM		
LED FWHM / FWTM Efficiency	SFT-70X-WCS 72.0 + 10.0° / 132.0 + 16.0°	
LED FWHM / FWTM Efficiency Peak intensity	SFT-70X-WCS 72.0 + 10.0° / 132.0 + 16.0° 96 %	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	SFT-70X-WCS 72.0 + 10.0° / 132.0 + 16.0° 96 % 3.1 cd/lm	
LED FWHM / FWTM Efficiency Peak intensity	SFT-70X-WCS 72.0 + 10.0° / 132.0 + 16.0° 96 % 3.1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	SFT-70X-WCS 72.0 + 10.0° / 132.0 + 16.0° 96 % 3.1 cd/lm 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	SFT-70X-WCS 72.0 + 10.0° / 132.0 + 16.0° 96 % 3.1 cd/lm 1	



	JS	Polar intensity graph	90* 30*
LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required components:	SST-IRD-B90 55.0 + 8.0° / 104.0 + 12.0° 95 % 1 IR		30, 12, 0, 12, 34, 34, 34, 34, 34, 34, 34, 34, 34, 34
<b>Μ</b> ΝΙCΗΙΛ			30°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	NCSxE17A 90.0 + 9.0° / 150.0 + 18.0° 94 % 3.1 cd/lm 1 White		30 30 30 30 30 90 90 90 90 90 90 90 90 90 9
OSRAM Opto Semiconductors			90* 90*
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	OSLON Square EC 8.0 + 53.0° / 116.0 + 15.0° 94 % 4 cd/lm 1 White		30, 92, 6, 92, 9, 30, 10, 10, 10, 10, 10, 10, 10, 10, 10, 1
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	OSLON SSL 150 6.0 + 58.0° / 12.0 + 131.0° 94 % 4.7 cd/lm 1 Red		30, 100 0, 10, 10, 10, 10, 10, 10, 10, 10



SAMSU		94 J
LED	LH351B	72
FWHM / FWTM	67.0 + 10.0° / 126.0 + 17.0°	
Efficiency	94 %	500 CO
Peak intensity	3.1 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components		300 30 <sup>4</sup> 20 30 <sup>4</sup> 10 <sup>4</sup> 10 <sup>4</sup>
SAMSU	NG	50 <sup>4</sup> 50 <sup>4</sup>
LED	LH351C	
FWHM / FWTM	71.0 + 11.0° / 126.0 + 18.0°	75
Efficiency	94 %	
Peak intensity	3 cd/lm	
LEDs/each optic	1	
Light colour	White	ex / ex
Required components		30°
		51*
LED	Z5M1/Z5M2	
FWHM / FWTM	67.0 + 8.0° / 127.0 + 14.0°	25
Efficiency	94 %	
Peak intensity	3.6 cd/lm	
LEDs/each optic	1	
Light colour	White	a
Required components		300



#### **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.

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