

PRODUCT DATASHEET CA10932_FLARE-B

FLARE-B

29 x 23 mm lens with \sim 100° x 10° oval beam. Assembly with installation tape.

TECHNICAL SPECIFICATIONS:

Dimensions	29.0 x 22.8 mm
Height	12.8 mm
Fastening	tape, screw
ROHS compliant	yes 🛈



MATERIAL SPECIFICATIONS:

Component FLARE-B FLARE-B-TAPE

Туре	
Single lens	
Таре	

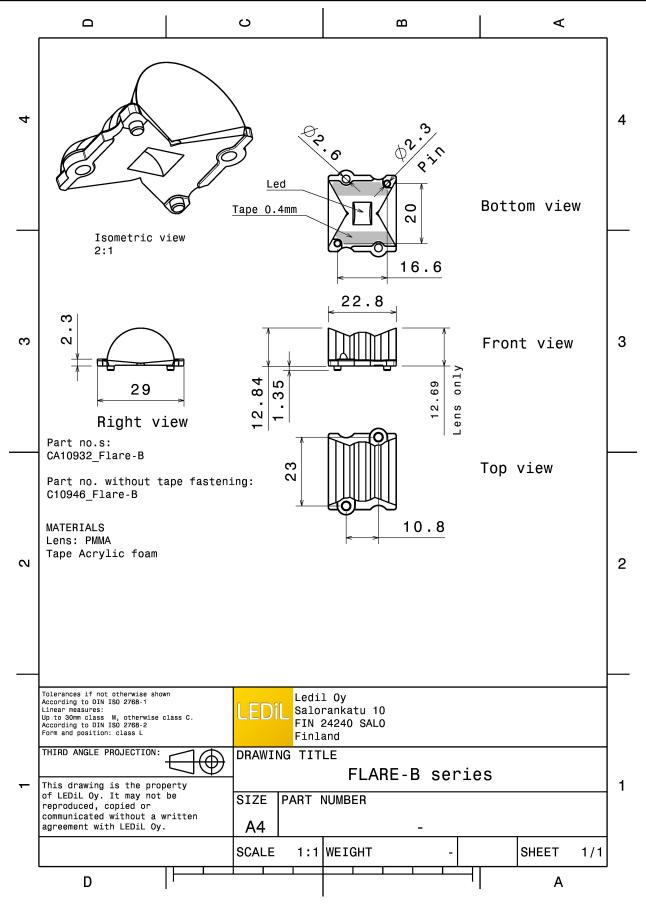
Material	Colour	Finish
PMMA	clear	
Acrylic foam	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA10932_FLARE-B	Single lens	2448	288	144	9.8
» Box size: 476 x 273 x 292 mm					



PRODUCT DATASHEET CA10932_FLARE-B



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



					80°	201
LED	 XB-D					
FWHM / FWTM	10.0 + 108.0° / 30.0 + 167.0°				750	775
Efficiency	93 %					
Peak intensity	1.5 cd/lm				.60 ⁴	604
LEDs/each optic	1					
Light colour	White				45*	at
Required compone						
					30° 115°	500 9° 10° 30°
					90*	90*
LED	XP-E					
FWHM / FWTM	102.0 + 10.0° / 154.0 + 26.0°				75*	75
Efficiency	93 %					
Peak intensity	1.8 cd/lm				60*	60*
LEDs/each optic	1			_		
Light colour	White				45*	65*
Required compone						
		-			$X \rightarrow $	soot
					300	36.
			_		15%	
					90*	2° 35°
LED	XP-E2				90* 90*	0 20°
LED FWHM / FWTM	XP-E2 11.0 + 101.0° / 22.0 + 150.0°				20°	20 120 100 100 100 100 100 100 100 100
LED FWHM / FWTM Efficiency	XP-E2 11.0 + 101.0° / 22.0 + 150.0° 94 %				20°	00 68% 92%
LED FWHM / FWTM Efficiency Peak intensity	XP-E2 11.0 + 101.0° / 22.0 + 150.0° 94 % 2.3 cd/lm				90°	00 00 00 90 90 90 90 90 90
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XP-E2 11.0 + 101.0° / 22.0 + 150.0° 94 % 2.3 cd/lm 1				25 ¹	20 12°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-E2 11.0 + 101.0° / 22.0 + 150.0° 94 % 2.3 cd/lm 1 White				67 90* 90*	200 00 00 00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	XP-E2 11.0 + 101.0° / 22.0 + 150.0° 94 % 2.3 cd/lm 1 White					200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-E2 11.0 + 101.0° / 22.0 + 150.0° 94 % 2.3 cd/lm 1 White				57°	200 00 00 00 00 00 00 00 00 00 00 00 00
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-E2 11.0 + 101.0° / 22.0 + 150.0° 94 % 2.3 cd/lm 1 White				- 57" - 67 - 75"	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-E2 11.0 + 101.0° / 22.0 + 150.0° 94 % 2.3 cd/lm 1 White				50° - 130 50° - 130	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-E2 11.0 + 101.0° / 22.0 + 150.0° 94 % 2.3 cd/lm 1 White nts:				90°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-E2 11.0 + 101.0° / 22.0 + 150.0° 94 % 2.3 cd/lm 1 White nts:				25°	20 12°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-E2 11.0 + 101.0° / 22.0 + 150.0° 94 % 2.3 cd/lm 1 White nts:				20° 20° 20° 20° 20° 20° 20° 20° 20° 20°	200 200 200 200 200 200 200 200
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-E2 11.0 + 101.0° / 22.0 + 150.0° 94 % 2.3 cd/lm 1 White nts: XP-G				201 201 201 201 201 201 201 201	200 212 212 212 212 212 212 212
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-E2 11.0 + 101.0° / 22.0 + 150.0° 94 % 2.3 cd/lm 1 White nts: XP-G 118.0 + 15.0° / 160.0 + 30.0°				20° 25°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-E2 11.0 + 101.0° / 22.0 + 150.0° 94 % 2.3 cd/lm 1 White nts: XP-G 118.0 + 15.0° / 160.0 + 30.0° 93 %				20- 20- 20- 20- 20- 20- 20- 20- 20- 20-	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-E2 11.0 + 101.0° / 22.0 + 150.0° 94 % 2.3 cd/lm 1 White nts: XP-G 118.0 + 15.0° / 160.0 + 30.0° 93 % 1 cd/lm				50° 50° 50° 50° 50° 50° 50° 50° 50° 50°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	XP-E2 11.0 + 101.0° / 22.0 + 150.0° 94 % 2.3 cd/lm 1 White nts: XP-G 118.0 + 15.0° / 160.0 + 30.0° 93 % 1 cd/lm 1 White				50° 50° 50° 50° 50° 10° 50° 10° 50° 10° 50° 10° 10° 10° 10° 10° 10° 10° 1	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CREE (LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-E2 11.0 + 101.0° / 22.0 + 150.0° 94 % 2.3 cd/lm 1 White nts: XP-G 118.0 + 15.0° / 160.0 + 30.0° 93 % 1 cd/lm 1 White				55°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CREE (LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-E2 11.0 + 101.0° / 22.0 + 150.0° 94 % 2.3 cd/lm 1 White nts: XP-G 118.0 + 15.0° / 160.0 + 30.0° 93 % 1 cd/lm 1 White				55°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone CREE (LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	XP-E2 11.0 + 101.0° / 22.0 + 150.0° 94 % 2.3 cd/lm 1 White nts: XP-G 118.0 + 15.0° / 160.0 + 30.0° 93 % 1 cd/lm 1 White				8° 8° 13) 8°	



🥙 LUMIL	EDS	50 ⁴ 50
LED	LUXEON Rebel	
FWHM / FWTM	101.0 + 14.0° / 142.0 + 29.0°	75
Efficiency	93 %	
Peak intensity	1.7 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
		30°
		135 ¹ 0 ⁴ 15 ⁵
🥙 LUMIL	.EDS	50 ⁺
LED	LUXEON Rebel ES	
FWHM / FWTM	12.0 + 104.0° / 35.0 + 154.0°	72
Efficiency	94 %	
Peak intensity	1.4 cd/lm	
LEDs/each optic	1	
Light colour	White	e [,]
Required compone		
		30
A		
🥙 LUMIL	.EDS	90°
LED	LUXEON T	
FWHM / FWTM	13.0 + 105.0° / 29.0 + 152.0°	
Efficiency	93 %	
Peak intensity	1.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
		1570
		30° 15° 0° 15°
🖉 LUMIL	FDS	
		89°
		7
FWHM / FWTM	14.0 + 114.0° / 29.0 + 156.0°	
Efficiency	93 %	
Peak intensity LEDs/each optic	1.6 cd/lm	
LEDs/each optic Light colour	1 White	
Light colour Required compone		
	51165.	
		159
		30 ⁴ 13 ⁵ 13 ⁵

Last update: 14/10/2021Subject to change without prior noticePublLEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.



ΜΝΙCΗΙΛ

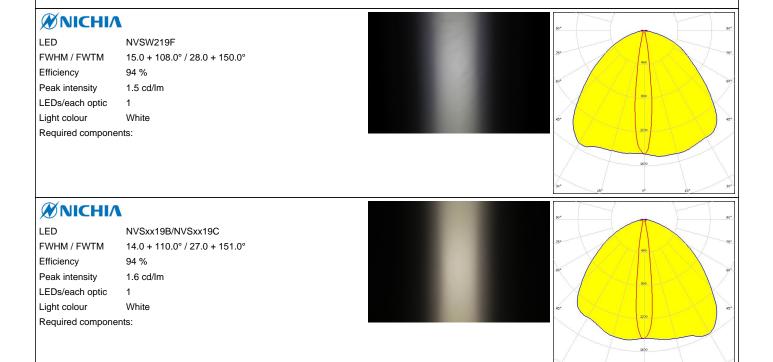
LED	NCSxx19A
FWHM / FWTM	$9.0 + 88.0^{\circ} / 26.0 + 154.0^{\circ}$
Efficiency	94 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour	White
Required componen	ts:



ΜΝΙCΗΙΛ

- LEDNuFWHM / FWTM14Efficiency94Peak intensity1LEDs/each optic1Light colourWRequired components:
 - NCSxx19B 11.0 + 103.0° / 28.0 + 160.0° 94 % 1.9 cd/lm 1 White ts:







Ο	S	R	Α	м	
Ont	o Ser	nice	ndu	ctors	

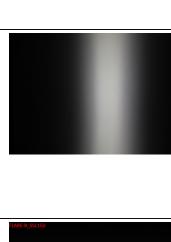
LEDOFWHM / FWTM12Efficiency%LEDs/each optic1Light colourWRequired components:

OSLON Square EC 12.0 + 104.0° / 33.0 + 162.0° % 1 White



OSRAM Opto Semiconductors

- LEDOFWHM / FWTM13Efficiency94Peak intensity1LEDs/each optic1Light colourWRequired components:
 - OSLON Square EC 13.0 + 104.0° / 26.0 + 157.0° 94 % 1.7 cd/lm 1 White ts:



OSLON SSL 150 9.0 + 117.0° 93 % 1.6 cd/lm 1 White

OSRAM Opto Semiconductors

OSRAM Opto Semiconductore

Efficiency

FWHM / FWTM

Peak intensity

Light colour

LEDs/each optic

Required components:

LED

LEDOFWHM / FWTM83Efficiency93Peak intensity2.LEDs/each optic1Light colourWRequired components:

OSLON SSL 80 83.0 + 11.0° / 144.0 + 24.0° 93 % 2.2 cd/lm 1 White





SEOUL SEMICONDUCTOR		
LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required compone	Z5 12.0 + 96.0° % 1 White ents:	
seoul semiconductor LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required compone	Z5M3 15.0 + 108.0° / 30.0 + 161.0° 94 % 1.4 cd/lm 1 White ents:	
SHA LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required compone	Double Dome (GM2BB) 104.0 + 10.0° % 1 White	



PHOTOMETRIC DATA (SIMULATED):

CREESILED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XP-G2 11.0 + 83.0° / 21.0 + 146.0° 94 % 2.4 cd/lm 1 White	99 ⁴ 99 ⁴ 25 99 ⁴ 00 90 90 90 90 90 90 90 90 90 90 90 90 9
		30° 200 15° 30°
CREE LED LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	XP-G3 99.0 + 14.0° / 153.0 + 26.0° 95 % 1.6 cd/lm 1 White	92* 92* 75* 400 62* 000 67* 000 67* 000 67* 000
)5	25 [°] 5 [°] 35 [°]
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON CZ 6.0 + 54.0° / 15.0 + 134.0° 97 % 3.9 cd/lm 1 Red	9° 9° 6° 6° 6° 1000 1000 1000 1000 1000 1000
	05	an ^e an ^e
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON H50-2 13.0 + 90.0° / 22.0 + 140.0° 94 % 2.1 cd/lm 1 White	97 97 97 97 97 97 97 90 90 90 90 90 90 90 90 90 90



PHOTOMETRIC DATA (SIMULATED):

)S	90* 90
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON Rubix (white) 6.0 + 52.0° / 14.0 + 134.0° 97 % 4 cd/lm 1 Red	30° 12° 0° 12°
)S	504
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	LUXEON Z ES 8.0 + 84.0° / 16.0 + 142.0° 97 % 2.8 cd/lm 1 White	
		12° 0° 12°
OSRAM Opto Semiconductors		90°
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	OSCONIQ P 3737 (3W version) 94.0 + 16.0° / 150.0 + 28.0° 97 % 1.6 cd/lm 1 White	
Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	OSLON Signal 8.0 + 80.0° / 14.0 + 148.0° 97 % 3 cd/lm 1 White	500 500 500 500 500 500 500 500 500 500
		30" 25" 369 25"



PHOTOMETRIC DATA (SIMULATED):

OUSERAM Dyto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	OSLON Signal 8.0 + 81.0° / 15.0 + 148.0° 97 % 2.9 cd/lm 1 White	20° 52° 52° 52° 52° 00° 62° 00° 65° 00° 65° 00° 00° 65° 00° 65° 00°
Operations Operations LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	OSLON Signal 8.0 + 79.0° / 16.0 + 148.0° 97 % 3 cd/lm 1 White	99 ⁴ 99 ⁴ 99 ⁴ 99 ⁴ 99 ⁴ 90 ⁶ 90 ⁶ 90 ⁷ 90 ⁷ 9



PRODUCT DATASHEET CA10932_FLARE-B

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Ledil: CA10932_FLARE-B