

PRODUCT DATASHEET C10946_FLARE-B

FLARE-B

29 x 23 mm lens with ~100° x 10° oval beam

SPECIFICATION:

Dimensions	29.0 x 23.0 mm
Height	12.7 mm
Fastening	glue, screw
ROHS compliant	yes 🛈



MATERIALS:

Component FLARE-B

Туре	
Single	lens

Qty in box

1792

Material	Colour	Finish
PMMA	clear	

MOQ MPQ

224

224

ORDERING INFORMATION:

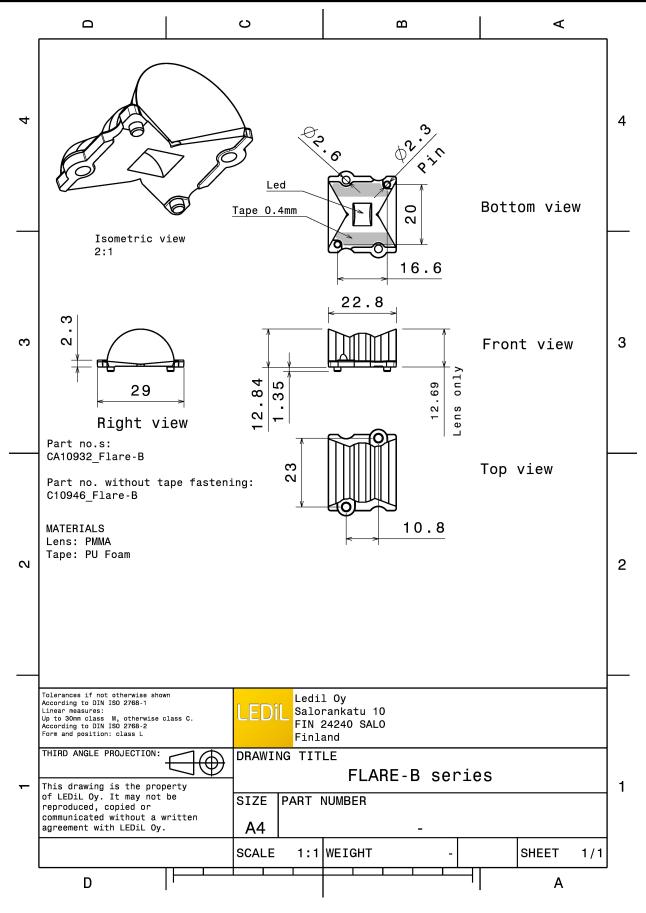
Component		
C10946_FLARE-B		
» Box size: 460 x 250 x 300 mm		

Box weight (kg)

8.6



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

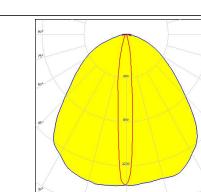


		90* 90*
LED	XB-D	
FWHM / FWTM	10.0 + 108.0° / 30.0 + 167.0°	730 731
Efficiency	93 %	400
Peak intensity	1.5 cd/lm	60* 60*
LEDs/each optic	1	
Light colour	White	45"
Required compone	nts:	1200
		1600
		13 ⁶ 0 ⁴ 19 ⁴
CREE - CE		90* 90*
		73*
LED	XP-E	
FWHM / FWTM	12.0 + 96.0°	60*
Efficiency	94 %	
LEDs/each optic	1	
Light colour	White	
Required compone	nts:	
		30° 30°
		84°
LED	XP-G	
LED FWHM / FWTM	XP-G 14.0 + 112.0°	20 20 20 20 20 20 20 20 20 20 20 20 20 2
LED FWHM / FWTM Efficiency	XP-G 14.0 + 112.0° 94 %	
LED FWHM / FWTM Efficiency LEDs/each optic	XP-G 14.0 + 112.0° 94 % 1	
LED FWHM / FWTM Efficiency LEDs/each optic Light colour	XP-G 14.0 + 112.0° 94 % 1 White	
LED FWHM / FWTM Efficiency LEDs/each optic	XP-G 14.0 + 112.0° 94 % 1 White	
LED FWHM / FWTM Efficiency LEDs/each optic Light colour	XP-G 14.0 + 112.0° 94 % 1 White	
LED FWHM / FWTM Efficiency LEDs/each optic Light colour	XP-G 14.0 + 112.0° 94 % 1 White	
LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required compone	XP-G 14.0 + 112.0° 94 % 1 White nts:	
LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required compone	XP-G 14.0 + 112.0° 94 % 1 White nts:	
LED FWHM / FWTM Efficiency LEDs/each optic Light colour	XP-G 14.0 + 112.0° 94 % 1 White nts:	1220 1220 1220 1220 1220 1220 120 120 12
LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required compone	XP-G 14.0 + 112.0° 94 % 1 White nts:	1220 1220 1220 1220 1220 1220 120 120 12
LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required compone	XP-G 14.0 + 112.0° 94 % 1 White nts: EDS LUXEON Rebel	1220 1220 1220 1220 1220 1220 120 120 12
LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required compone	XP-G 14.0 + 112.0° 94 % 1 White nts: EDS LUXEON Rebel 11.0 + 93.0°	1220 1220 1220 1220 1220 1220 120 120 12
LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required compone	XP-G 14.0 + 112.0° 94 % 1 White nts: EDS LUXEON Rebel 11.0 + 93.0° 94 %	1220 1220 1220 1220 1220 1220 120 120 12
LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required compone	XP-G 14.0 + 112.0° 94 % 1 White nts: EDS LUXEON Rebel 11.0 + 93.0° 94 % 1	1220 1220 1220 1220 1220 1220 120 120 12
LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required compone Compose LUMIL LED FWHM / FWTM Efficiency LEDs/each optic Light colour	XP-G 14.0 + 112.0° 94 % 1 White nts: EDS LUXEON Rebel 11.0 + 93.0° 94 % 1 White	2 2 2 2 2 2 2 2 2 2 2 2 2 2
LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required compone	XP-G 14.0 + 112.0° 94 % 1 White nts: EDS LUXEON Rebel 11.0 + 93.0° 94 % 1 White	20 20 20 20 20 20 20 20 20 20
LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required compone Compose LUMIL LED FWHM / FWTM Efficiency LEDs/each optic Light colour	XP-G 14.0 + 112.0° 94 % 1 White nts: EDS LUXEON Rebel 11.0 + 93.0° 94 % 1 White	100 100 100 100 100 100 100 100
LED FWHM / FWTM Efficiency LEDs/each optic Light colour Required compone Compose LUMIL LED FWHM / FWTM Efficiency LEDs/each optic Light colour	XP-G 14.0 + 112.0° 94 % 1 White nts: EDS LUXEON Rebel 11.0 + 93.0° 94 % 1 White	100 100 100 100 100 100 100 100



UMILEDS

LED	LUXEON Rebel ES
FWHM / FWTM	12.0 + 104.0° / 35.0 + 154.0°
Efficiency	94 %
Peak intensity	1.4 cd/lm
LEDs/each optic	1
Light colour	White
Required componen	ts:



ØNICHIΛ

LED	NCSxx19A	
FWHM / FWTM	9.0 + 88.0°	
Efficiency	94 %	
LEDs/each optic	1	
Light colour	White	
Required components:		

ØNICHI/	N Contraction of the second seco	50° 50°
LED	NVSW219F	
FWHM / FWTM	16.0 + 111.0° / 29.0 + 151.0°	
Efficiency	94 %	
Peak intensity	1.5 cd/lm	
LEDs/each optic	1	
Light colour	White	er er
Required compone	ents:	
		100
		30 ⁴ 15 ⁴ 0 ⁴ 15 ⁵ 30 ⁴
OSRAM		
Opto Semiconductors		19×
LED	OSLON Square EC	
FWHM / FWTM	13.0 + 107.0° / 23.0 + 158.0°	
Efficiency	94 %	
Peak intensity	1.8 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
		100/
		13 ² 0 ⁸ 19*



OSRAM Opto Semiconductors		
		90*92
	OSLON SSL 150	
FWHM / FWTM	9.0 + 117.0°	
Efficiency	93 %	
Peak intensity	1.6 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ents:	
		20 ⁴ and all 10 ⁴ 30 ⁴
OSRAM Opto Semiconductors		20° 0 20
Opto Semiconductors		
LED	OSLON SSL 80	
FWHM / FWTM	9.0 + 88.0°	
Efficiency	94 %	60 ¹
LEDs/each optic	94 % 1	
Light colour	White	
Required compone		
Requirea compone	ents:	
		30 ⁴ 30 ⁹ 30
SAMSI	UNG	
LED	LH351Z	
FWHM / FWTM	14.0 + 106.0° / 24.0 + 134.0°	
Efficiency	94 %	
Peak intensity	1.9 cd/lm	er an
LEDs/each optic	1	
Light colour	White	
Required compone		
Required compone	ents.	100
		\times / \setminus \times
		20* 23* 28% 23*
SEOUL		
SEOUL SEMICONDUCTOR		
LED	Z5	
FWHM / FWTM	12.0 + 96.0°	
Efficiency	%	
LEDs/each optic	1	
Light colour	White	
Required compone		
	511G.	



SHARP

LED	Do
FWHM / FWTM	11
Efficiency	%
LEDs/each optic	1
Light colour	W
Required componer	nts:

Double Dome (GM2BB) 11.0 + 104.0° % 1 White





OPTICAL RESULTS (SIMULATED):

	MHB-A/B	90° 90°
FWHM / FWTM	26.0 + 100.0° / 48.0 + 150.0°	73*
Efficiency	94 %	
Peak intensity	1 cd/lm	50 ⁴ 60 ⁴ .
LEDs/each optic	1	
Light colour	White	45"
Required components:	Wine	
		30° 13 ⁵ 0° 10° 30°
		90*
LED	XHP50.3 HD	
FWHM / FWTM	104.0 + 26.0° / 151.0 + 112.0°	73%
Efficiency	95 %	60 ⁺ 60 ⁺
Peak intensity	1 cd/lm	400 00
LEDs/each optic	1	
Light colour	White	-5° 6*
Required components:		
		30* 30*
		13 ° 15
LED	XP-E2	
ED FWHM / FWTM		
Efficiency	18.0 + 108.0° / 32.0 + 155.0° 94 %	
	94 % 1.6 cd/lm	
Peak intensity LEDs/each optic	1.6 cd/im 1	
Light colour	White	
Required components:	Wille	
Required components.		
		90* 90*
LED	XP-G2	
FWHM / FWTM	110.0 + 30.0° / 151.0 + 41.0°	73* 73*
Efficiency	96 %	
Peak intensity	1 cd/lm	50 ⁴ 50 ⁴
LEDs/each optic	1	
Light colour	White	-5°
Required components:		
		\times / \land \times
		1220
		(30° 30°)



OPTICAL RESULTS (SIMULATED):

XP-0
16.0
95 %
15.2
1
Whit

XP-G2 HE
16.0 + 99.0° / 29.0 + 150.0°
95 %
15.2 cd/lm
1
White

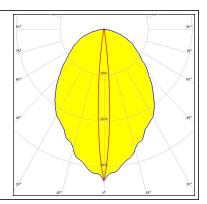
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	Duris S8 19.0 + 97.0° / 37.0 + 148.0° 94 % 1.2 cd/lm 1 White	25° 25° 25° 25° 25° 25° 25° 25°
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	OSLON Signal 8.0 + 80.0° / 18.0 + 149.0° 97 % 2.8 cd/lm 1 White	30 ⁻ 50
OSRAM Opto Semiconductors LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components:	OSLON Signal 8.0 + 80.0° / 18.0 + 149.0° 97 % 2.8 cd/lm 1 White	900 900 900 900 900 900 900 900



OPTICAL RESULTS (SIMULATED):

OSRAM Opto Semiconductors

LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour Required components: OSLON Signal 9.0 + 82.0° / 18.0 + 150.0° 97 % 2.6 cd/lm 1 White





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:

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