FLARE-C

25 x 25 mm lens with ~90° x 8° oval beam

SPECIFICATION:

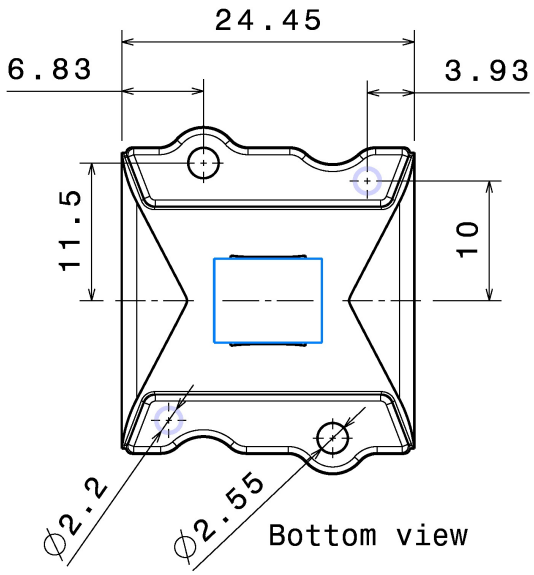
Dimensions	24.5 x 24.5 mm
Height	14.6 mm
Fastening	glue, screw
ROHS compliant	yes

MATERIALS:

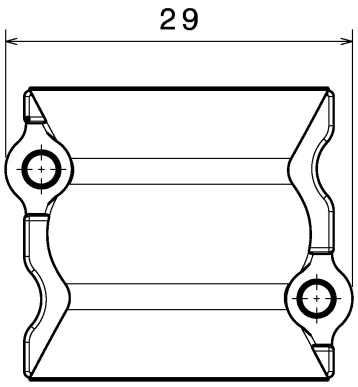
Component	Type	Material	Colour	Finish
FLARE-C	Single lens	PMMA	clear	

ORDERING INFORMATION:

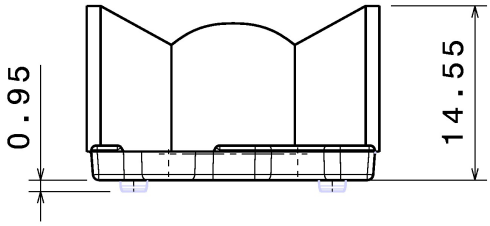
Component	Qty in box	MOQ	MPQ	Box weight (kg)
C10402_FLARE-C	1792	224	224	9.6
» Box size:				



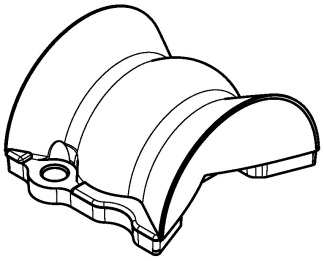
Bottom view



Top view



Side view



Isometric view
Scale 3:2

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C10402	FLARE-C	PMMA	CLEAR

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L

Ledil Oy
Joensuunkatu 13
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
C10402_FLARE-C

SIZE A4

PART NUMBER
C10402

SCALE 2:1 | WEIGHT 4,5 G | SHEET 1/1

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

OPTICAL RESULTS (MEASURED):

CREE LED

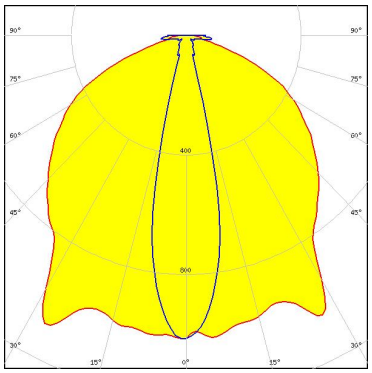
LED	XR-E
FWHM / FWTM	84.0 + 7.0° / 116.0 + 12.0°
Efficiency	%
Peak intensity	3.2 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

OPTICAL RESULTS (SIMULATED):

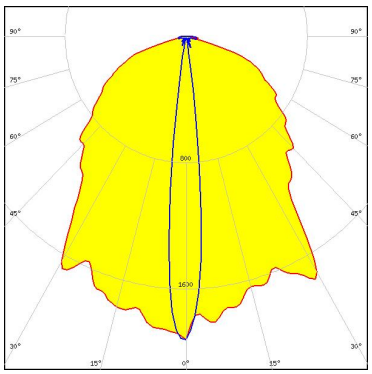
CREE LED

LED	XHP50.3 HD
FWHM / FWTM	108.0 + 24.0° / 149.0 + 35.0°
Efficiency	96 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



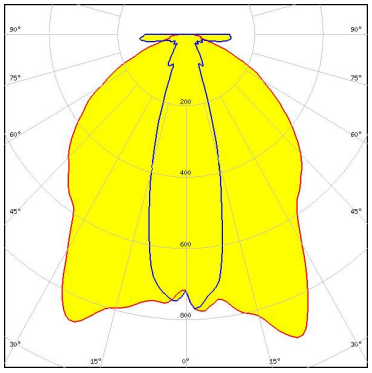
CREE LED

LED	XP-E2
FWHM / FWTM	93.0 + 12.0° / 148.0 + 18.0°
Efficiency	94 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour	Red
Required components:	



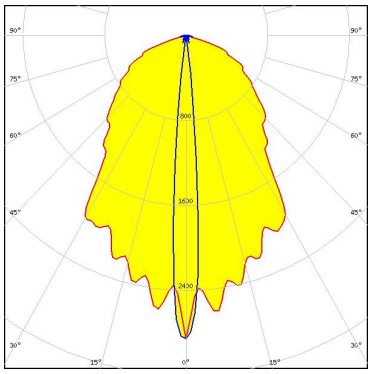
LUMILEDS

LED	LUXEON 7070
FWHM / FWTM	94.0 + 30.0° / 145.0 + 180.0°
Efficiency	94 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



LUMILEDS

LED	LUXEON CZ
FWHM / FWTM	68.0 + 10.0° / 143.0 + 14.0°
Efficiency	95 %
Peak intensity	2.9 cd/lm
LEDs/each optic	1
Light colour	Red
Required components:	



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.

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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
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