LEDiL®

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:

24.45

6.83

3.93

11.5

10

Ø2.2

Ø2.55

Bottom view

29

Top view

0.95

14.55

Side view

Isometric view
Scale 3:2
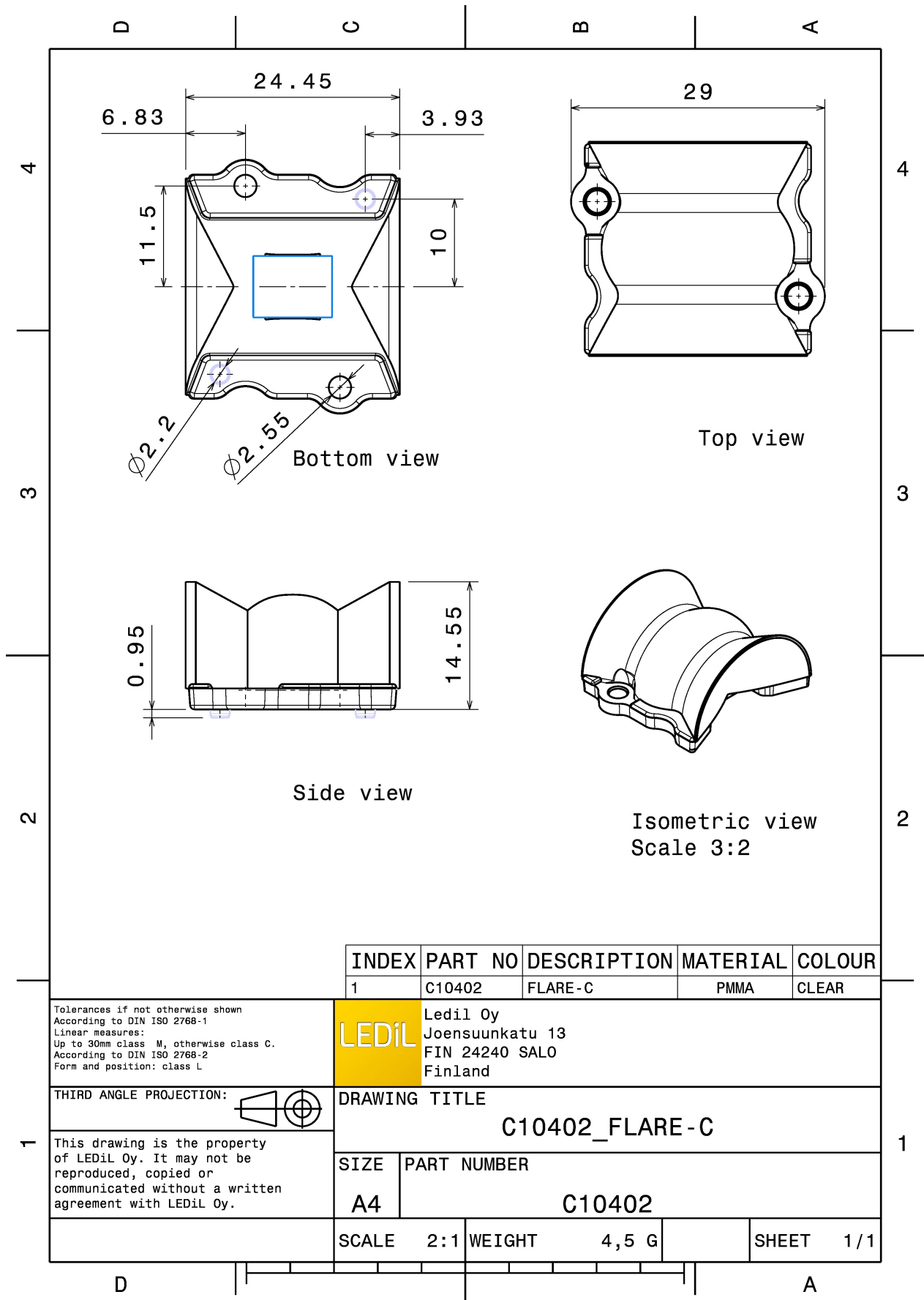
INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C10402	FLARE-C	PMMA	CLEAR

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:

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DRAWING TITLE

C10402_FLARE-C

SIZE	PART NUMBER
A4	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 LEDs

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 LEDs

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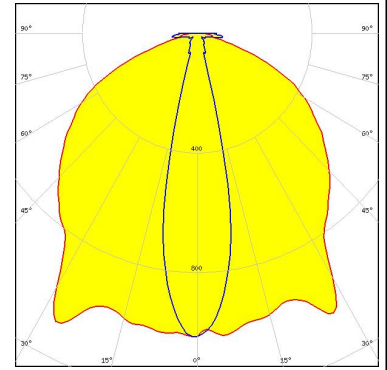
LED	XP-E2
FWHM / FWTM	93.0 + 12.0° / 148.0 + 18.0°
Efficiency	94 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour	Red
Required components:	

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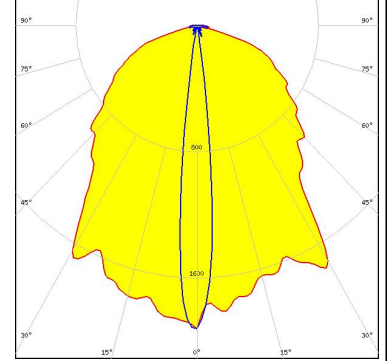
LED	LUXEON 7070
FWHM / FWTM	94.0 + 30.0° / 145.0 + 180.0°
Efficiency	94 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

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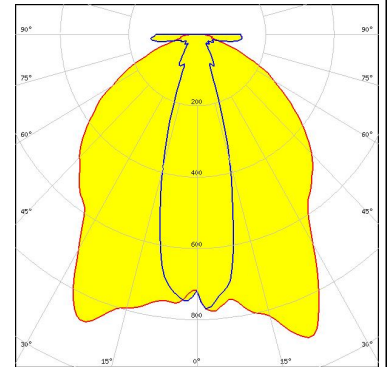
LED	LUXEON CZ
FWHM / FWTM	68.0 + 10.0° / 143.0 + 14.0°
Efficiency	95 %
Peak intensity	2.9 cd/lm
LEDs/each optic	1
Light colour	Red
Required components:	