

EMERALD-MAXI-A

Asymmetric beam

TECHNICAL SPECIFICATIONS:

Dimensions	33.0 x 25.0 mm
Height	11 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

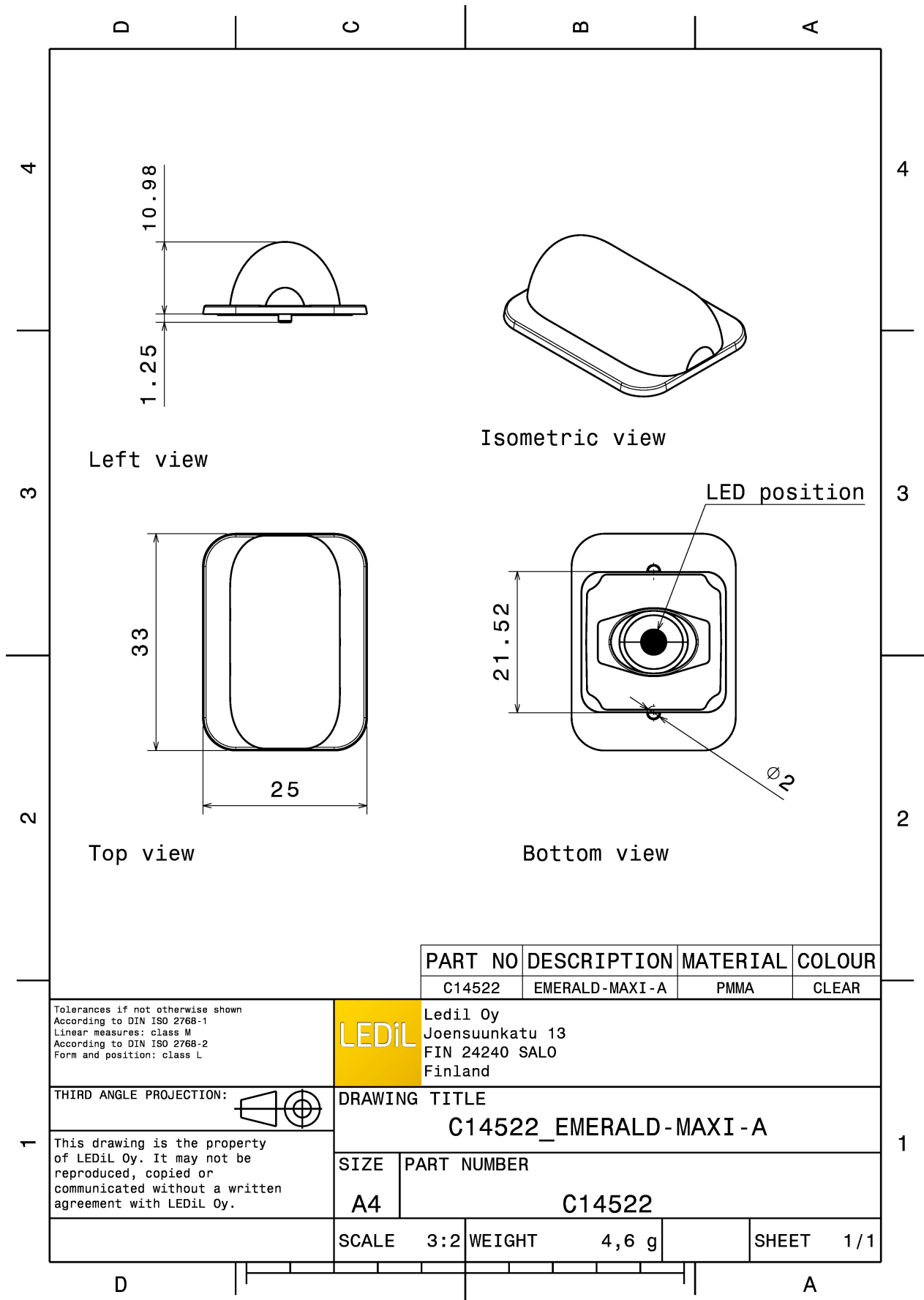
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
EMERALD-MAXI-A	Single lens	PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C14522_EMERALD-MAXI-A » Box size: 480 x 280 x 300 mm	1330	280	70	7.7





PART NO	DESCRIPTION	MATERIAL	COLOUR
C14522	EMERALD-MAXI-A	PMMA	CLEAR

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures: class M
According to DIN ISO 2768-2
Form and position: class L



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THIRD ANGLE PROJECTION:

DRAWING TITLE
C14522_EMERALD-MAXI-A

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SIZE	PART NUMBER
A4	C14522

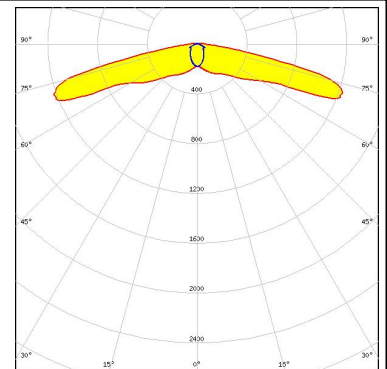
SCALE	3:2	WEIGHT	4,6 g	SHEET	1/1
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See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

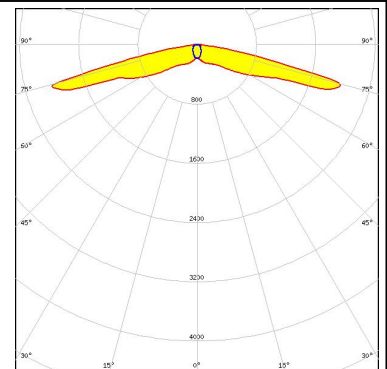
CREE

LED XHP50.2
 FWHM / FWTM Asymmetric
 Efficiency 92 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



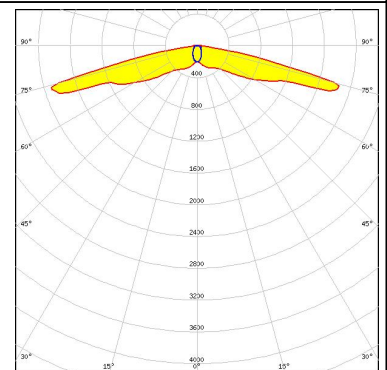
CREE

LED XM-L
 FWHM / FWTM Asymmetric
 Efficiency 94 %
 Peak intensity 2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



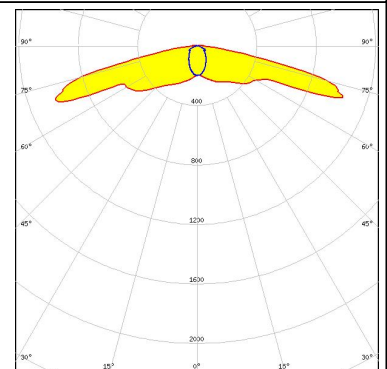
CREE

LED XM-L2
 FWHM / FWTM Asymmetric
 Efficiency 92 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

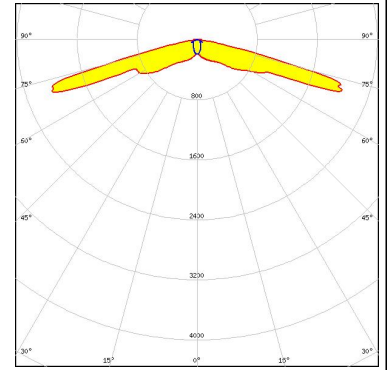
LED LUXEON M/MX
 FWHM / FWTM Asymmetric
 Efficiency 92 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

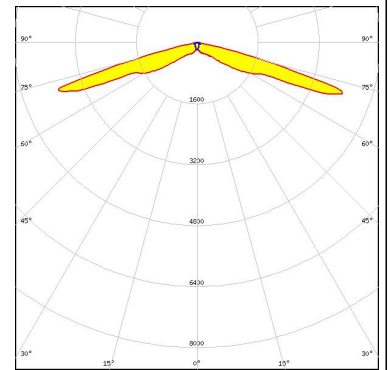
LUMILEDS

LED LUXEON MZ
FWHM / FWTM Asymmetric
Efficiency 93 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

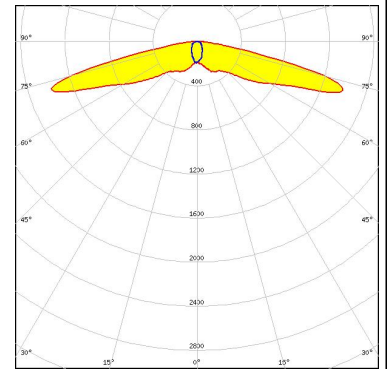
LED LH181B
FWHM / FWTM Asymmetric
Efficiency 94 %
Peak intensity 4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



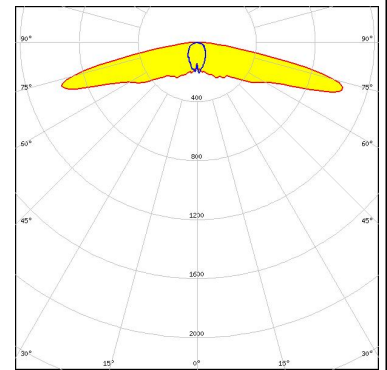
PHOTOMETRIC DATA (SIMULATED):



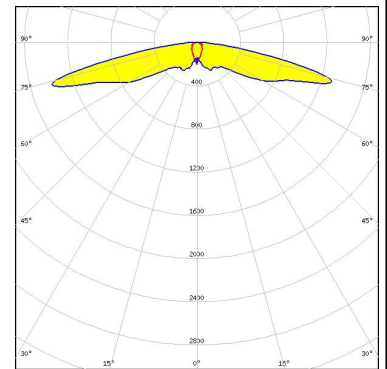
LED J Series 5050 Round LES
 FWHM / FWTM Asymmetric
 Efficiency 90 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



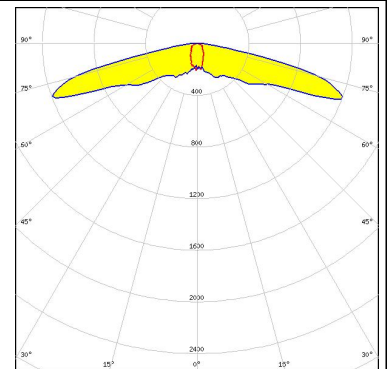
LED XHP50
 FWHM / FWTM 20.8 + 79.1° / 128.6 + 170.2°
 Efficiency 92 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-G3
 FWHM / FWTM Asymmetric
 Efficiency 93 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED OSCONIQ P 7070
 FWHM / FWTM Asymmetric
 Efficiency 87 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 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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