


EMERALD-MAXI-A

Asymmetric beam

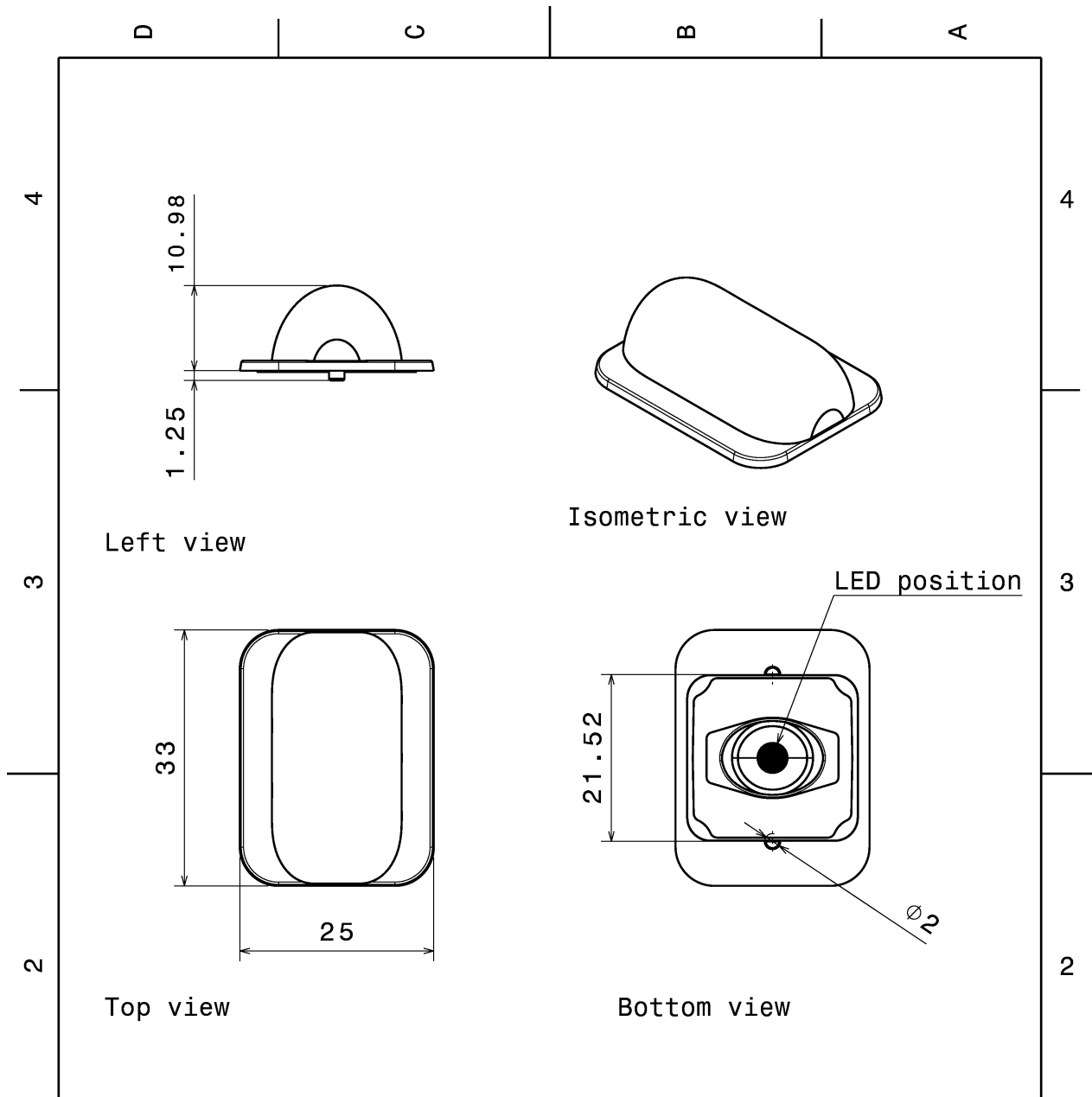
TECHNICAL SPECIFICATIONS:

Dimensions	33.0 x 25.0 mm
Height	11 mm
Fastening	glue, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	7.7 kg
Quantity in Box	1330 pcs
ROHS compliant	yes 



MATERIAL SPECIFICATIONS:

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



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

LEDiL Ledil Oy
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FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
C14522_EMERALD-MAXI-A

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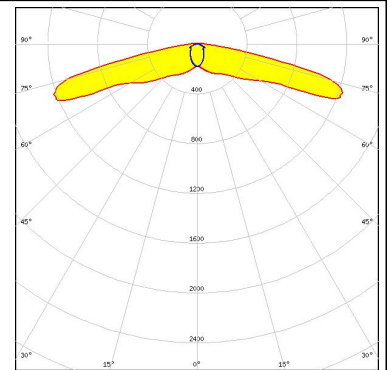
SIZE	PART NUMBER
A4	C14522

SCALE	3:2	WEIGHT	4,6 g	SHEET	1/1
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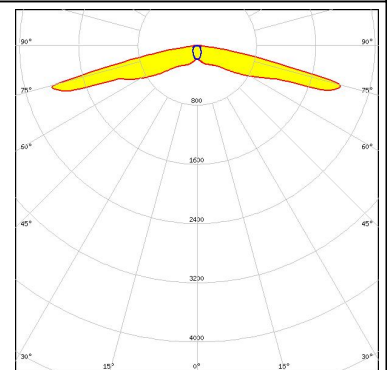
PHOTOMETRIC DATA (MEASURED):



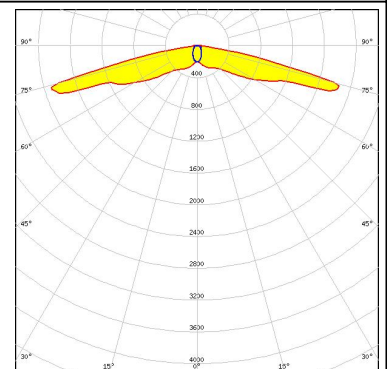
LED XHP50.2
 FWHM Asymmetric
 Efficiency 92 %
 Peak intensity 1.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



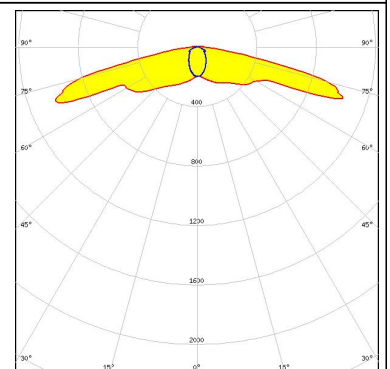
LED XM-L
 FWHM Asymmetric
 Efficiency 94 %
 Peak intensity 2.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XM-L2
 FWHM Asymmetric
 Efficiency 92 %
 Peak intensity 1.900 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



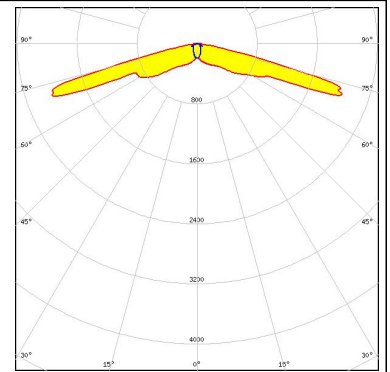
LED LUXEON M/MX
 FWHM Asymmetric
 Efficiency 92 %
 Peak intensity 1.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

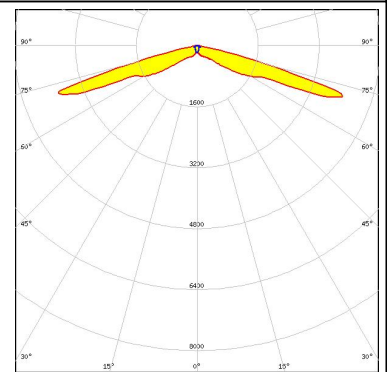
LUMILEDS

LED LUXEON MZ
FWHM Asymmetric
Efficiency 93 %
Peak intensity 2.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

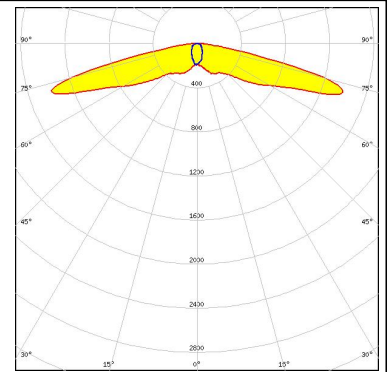
LED LH181B
FWHM Asymmetric
Efficiency 94 %
Peak intensity 4.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



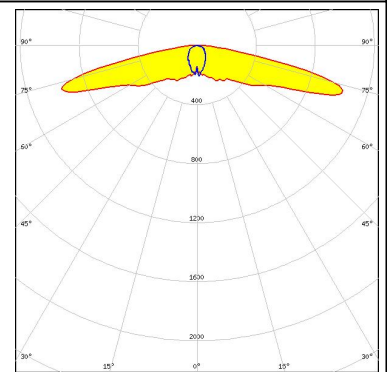
PHOTOMETRIC DATA (SIMULATED):



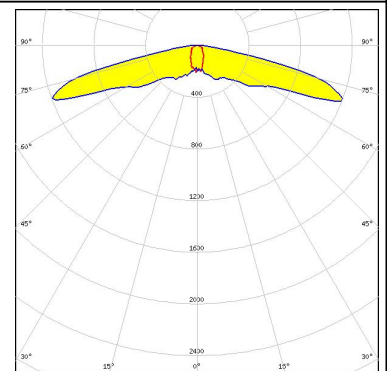
LED J Series 5050
FWHM Asymmetric
Efficiency 90 %
Peak intensity 1.391 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XHP50
FWHM 20.8 + 79.1°
Efficiency 92 %
Peak intensity 1.030 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSCONIQ P 7070
FWHM Asymmetric
Efficiency 87 %
Peak intensity 1.200 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:

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