

ANNA-50-5-S

~15° spot beam with 5 optics

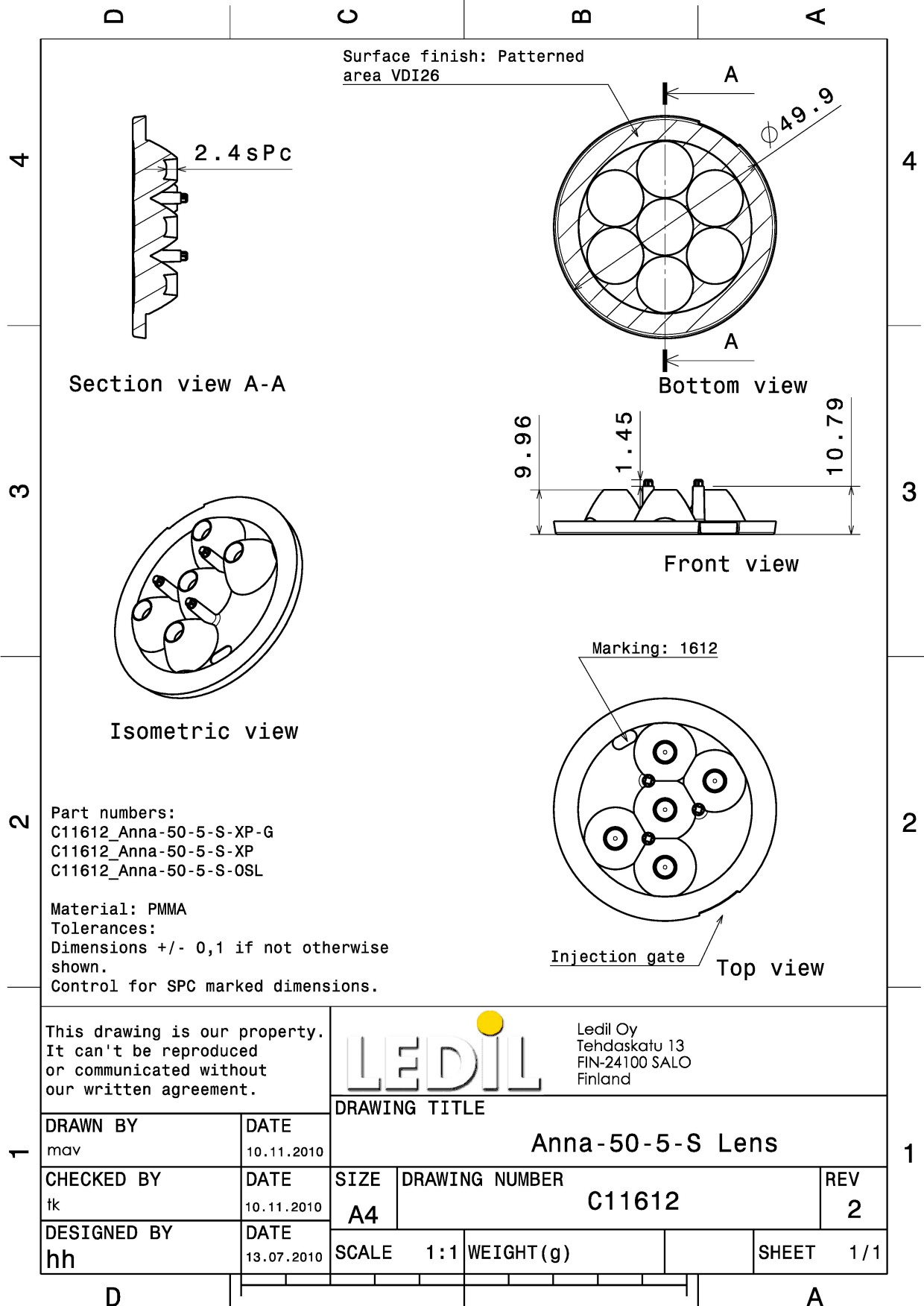
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 50.0 mm
Height	10.7 mm
Fastening	pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	6.8 kg
Quantity in Box	512 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
ANNA-50-5-S	Lens array	PMMA	clear



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DRAWING TITLE

Anna-50-5-S Lens

DRAWN BY mav	DATE 10.11.2010
CHECKED BY tk	DATE 10.11.2010
DESIGNED BY hh	DATE 13.07.2010

SIZE A4	DRAWING NUMBER C11612	REV 2
SCALE 1:1	WEIGHT (g)	SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

CREE

LED XP-E
FWHM 12.0°
Efficiency 93 %
Peak intensity 12.700 cd/lm
Required components:

CREE

LED XP-G
FWHM 18.0°
Efficiency 93 %
Peak intensity 5.940 cd/lm
Required components:

LUMILEDS

LED LUXEON A
FWHM 19.0°
Efficiency 87 %
Peak intensity 5.710 cd/lm
Required components:

LUMILEDS

LED LUXEON Rebel
FWHM 13.0°
Efficiency 92 %
Peak intensity 9.300 cd/lm
Required components:

PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED LUXEON Rebel ES
FWHM 18.0°
Efficiency 93 %
Peak intensity 6.100 cd/lm
Required components:

NICHIA

LED NCSxx19A
FWHM 16.0°
Efficiency 91 %
Peak intensity 6.700 cd/lm
Required components:

NICHIA

LED NVSxx19A
FWHM 19.0°
Efficiency 91 %
Peak intensity 4.900 cd/lm
Required components:

OSRAM Opto Semiconductors

LED Oslon SSL 150
FWHM 12.0°
Efficiency 90 %
Peak intensity 13.700 cd/lm
Required components:

PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED	Oslon SSL 80
FWHM	11.0°
Efficiency	90 %
Peak intensity	11.700 cd/lm

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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