

NIS83-MX-4-SS

~15° smooth spot beam



TECHNICAL SPECIFICATIONS:

Dimensions	Ø 50.0 mm
Height	15.2 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

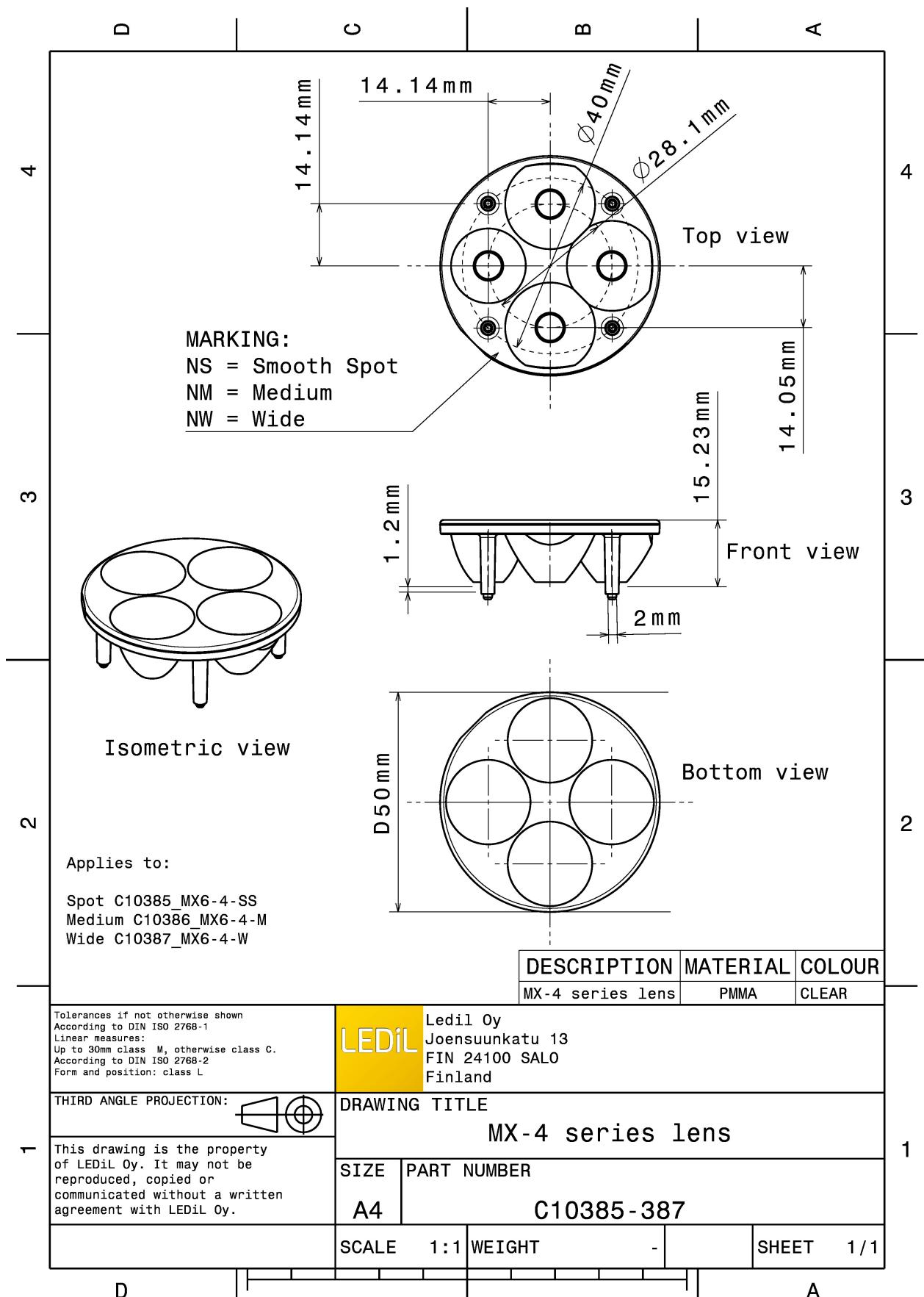
MATERIAL SPECIFICATIONS:

LEDiL®

Component	Type	Material	Colour	Finish
NIS83-MX-4-SS	Multi-lens	PMMA	clear	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C10385_NIS83-MX-4-SS » Box size: 480 x 280 x 300 mm	364	112	28	6.9



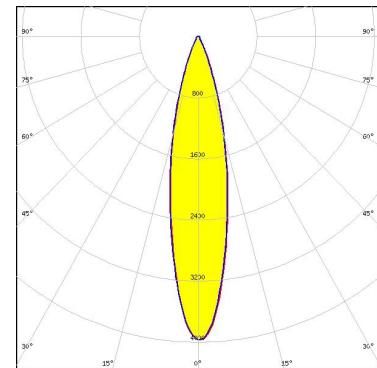
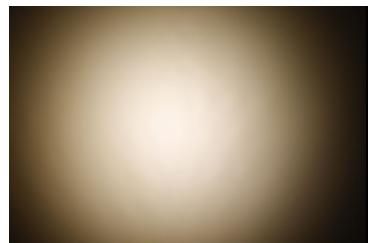
PHOTOMETRIC DATA (MEASURED):

CREE

LED MX-6
FWHM 12.0°
Efficiency %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:

CREE

LED XT-E
FWHM 23.0°
Efficiency 94 %
Peak intensity 3.980 cd/lm
LEDs/each optic 1
Light colour White
Required components:



NICHIA

LED NS3x83
FWHM 18.0°
Efficiency %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:

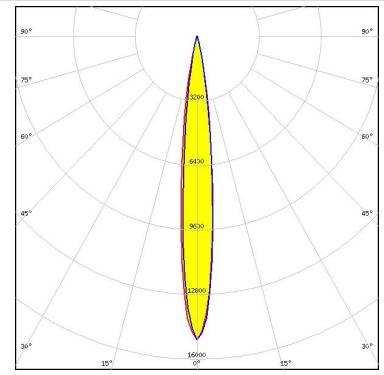
NICHIA

LED NS6x83
FWHM 16.0°
Efficiency %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:

PHOTOMETRIC DATA (SIMULATED):

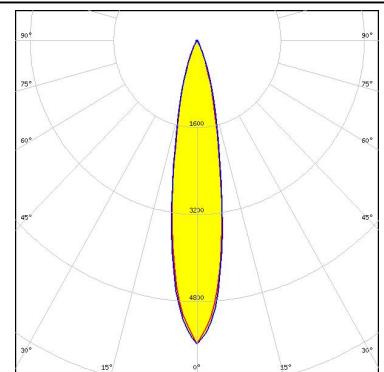
LUMILEDS

LED LUXEON 3030 HV
FWHM 12.0°
Efficiency 94 %
Peak intensity 3.760 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LUMILEDS

LED LUXEON 5050 Round LES
FWHM 19.4°
Efficiency 94 %
Peak intensity 0.600 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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