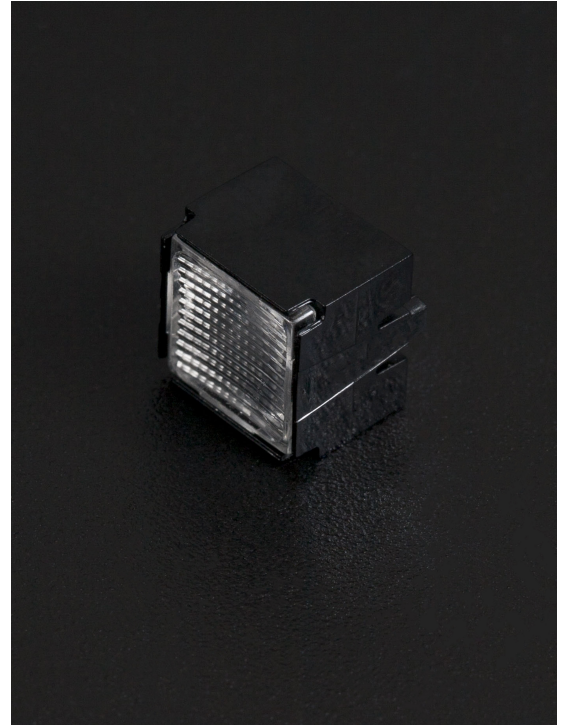


LARISA-O-PIN

~40° x 20° oval beam and holder with location pins

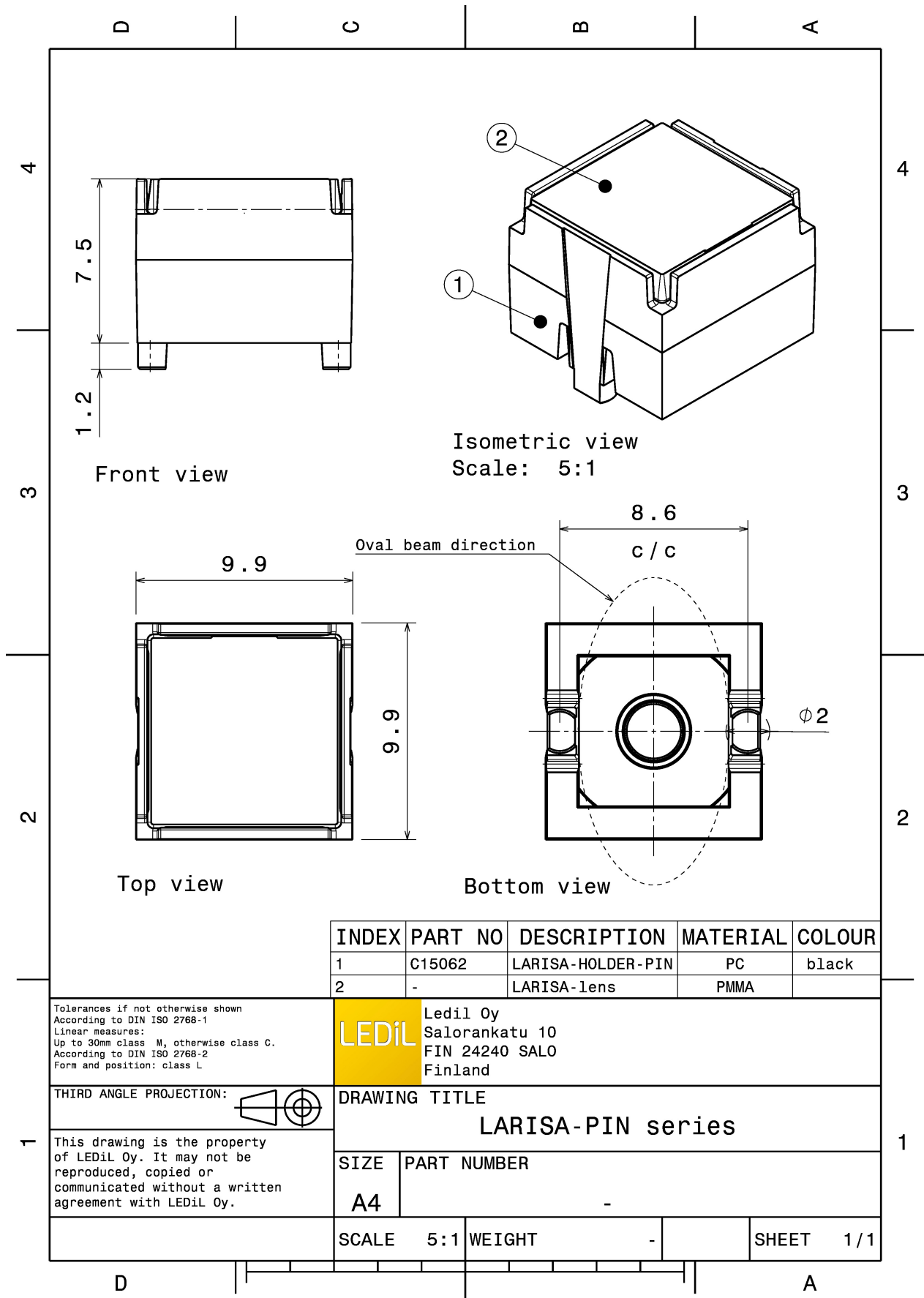
TECHNICAL SPECIFICATIONS:

Dimensions	9.9 +9.9 mm
Height	7.5 mm
Fastening	pin, glue
Colour	black
Box size	254 x 298 x 241 mm
Box weight	7.1 kg
Quantity in Box	10000 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

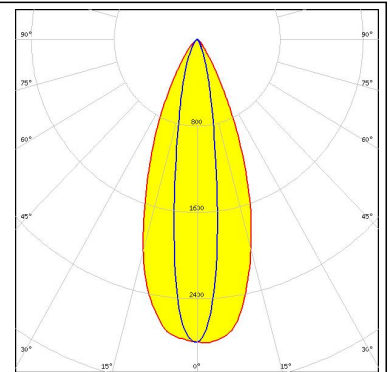
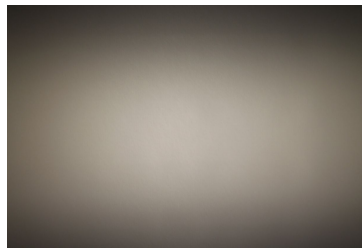
Component	Type	Material	Colour
LARISA-O	Lens	PMMA	clear
LARISA-HOLDER-PIN	Holder	PC	black



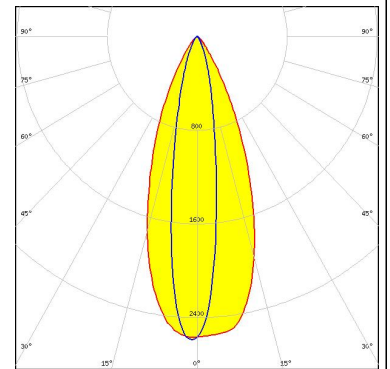
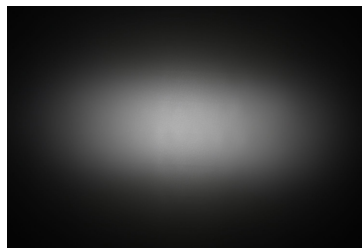
PHOTOMETRIC DATA (MEASURED):



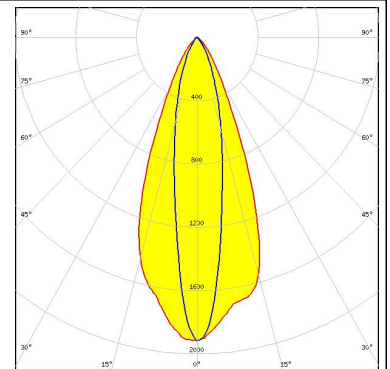
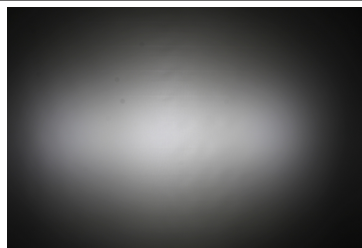
LED XQ-E
 FWHM 40.0 + 17.0°
 Efficiency 82 %
 Peak intensity 2.800 cd/lm
 Required components:



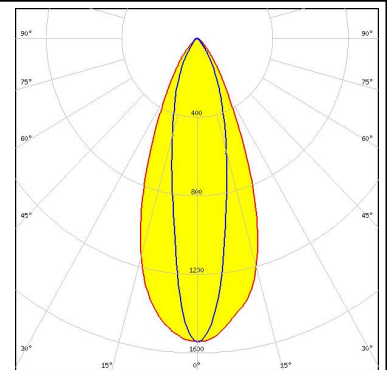
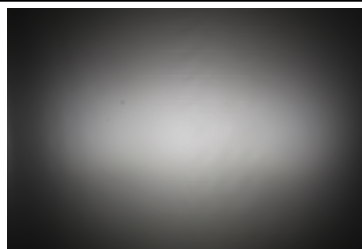
LED LUXEON C
 FWHM 40.0 + 18.0°
 Efficiency 79 %
 Peak intensity 2.600 cd/lm
 Required components:



LED NCSxE17A
 FWHM 42.0 + 19.0°
 Efficiency 68 %
 Peak intensity 1.900 cd/lm
 Required components:



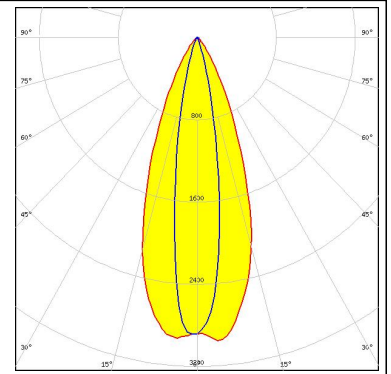
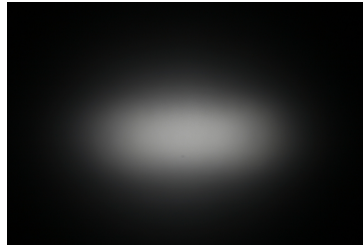
LED NVSxE21A
 FWHM 43.0 + 22.0°
 Efficiency 65 %
 Peak intensity 1.500 cd/lm
 Required components:



PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

LED Oslon SSL 80
FWHM 40.0 + 17.0°
Efficiency 77 %
Peak intensity 2.530 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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