

## LARISA-W-PIN

~50° wide beam and holder with location pins

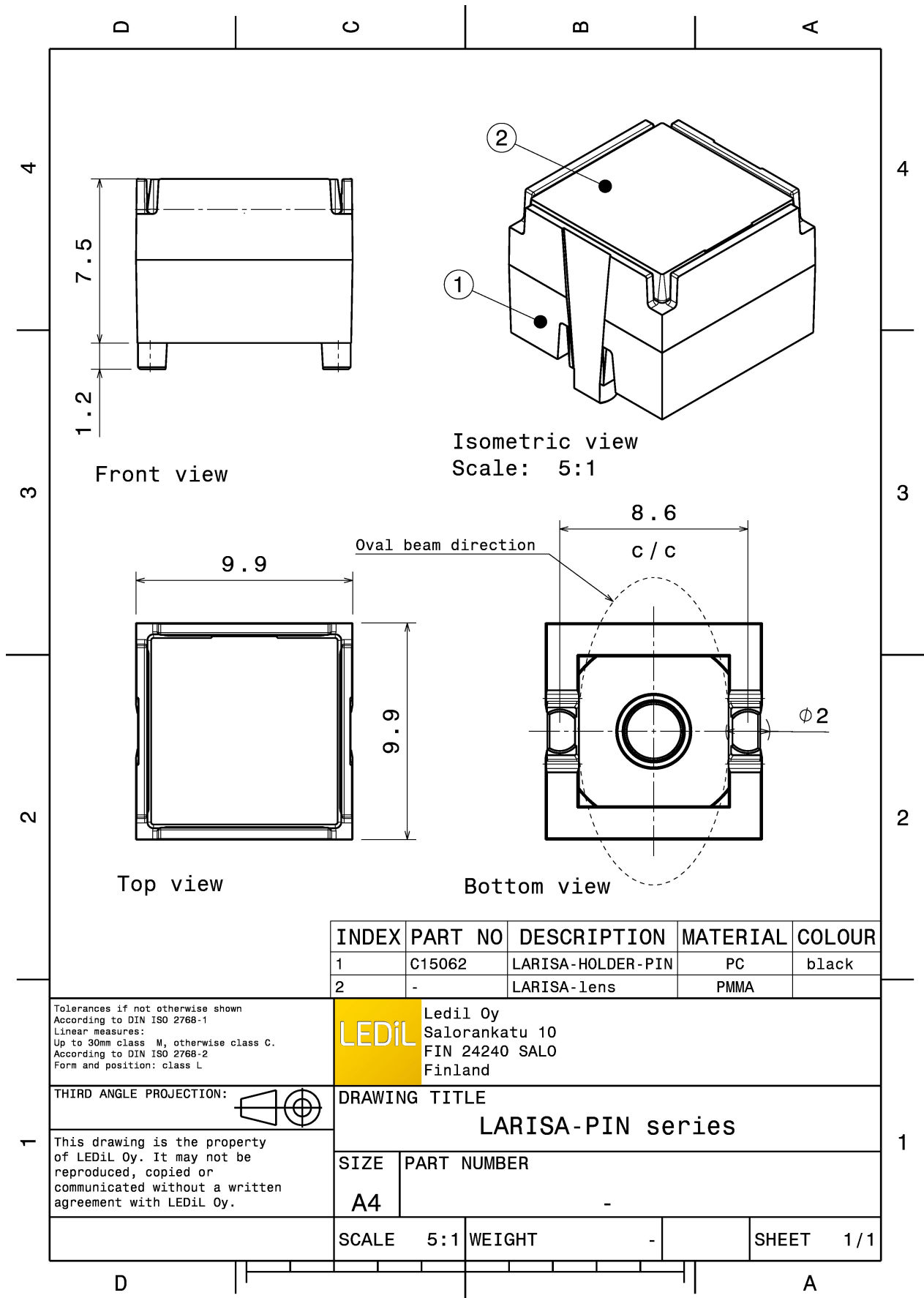
### TECHNICAL SPECIFICATIONS:

Dimensions	9.9 +9.9 mm
Height	7.5 mm
Fastening	glue, pin
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:

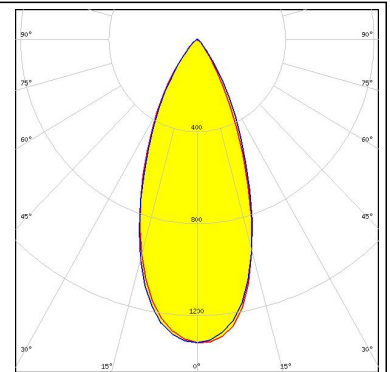
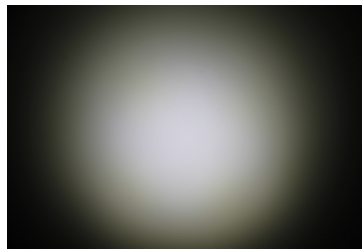
Component	Type	Material	Colour
LARISA-W	Lens	PMMA	clear
LARISA-HOLDER-PIN	Holder	PC	black



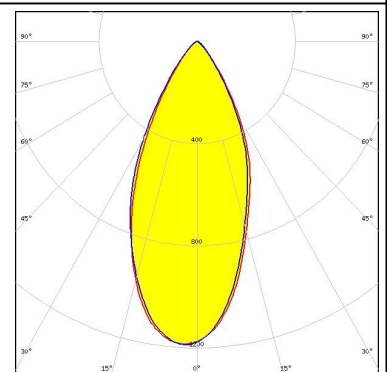
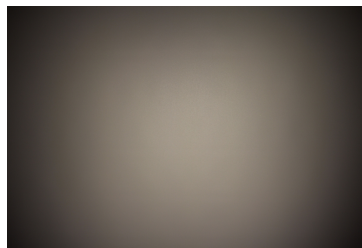
#### PHOTOMETRIC DATA (MEASURED):



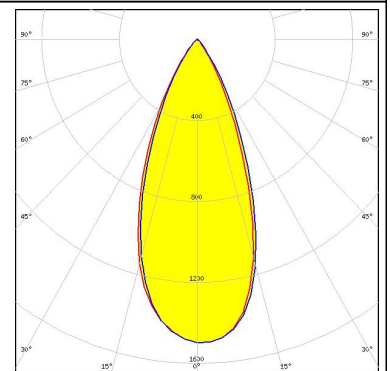
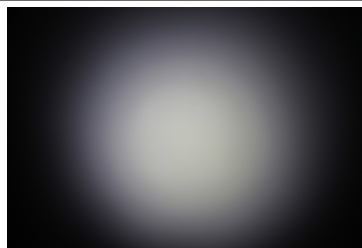
LED XB-D  
 FWHM 43.0°  
 Efficiency 79 %  
 Peak intensity 1.300 cd/lm  
 Required components:



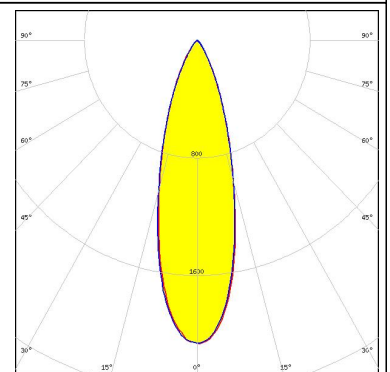
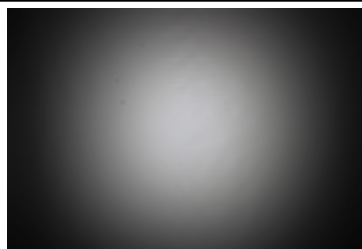
LED XQ-E  
 FWHM 46.0°  
 Efficiency 84 %  
 Peak intensity 1.200 cd/lm  
 Required components:



LED LUXEON C  
 FWHM 43.0°  
 Efficiency 85 %  
 Peak intensity 1.500 cd/lm  
 Required components:



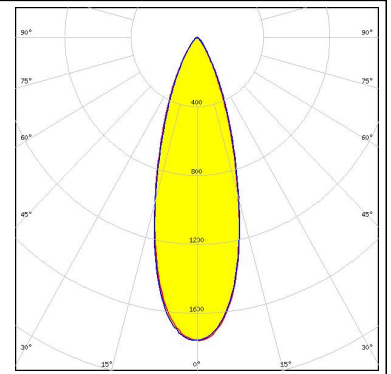
LED NCSxE17A  
 FWHM 30.0°  
 Efficiency 75 %  
 Peak intensity 2.100 cd/lm  
 Required components:



### PHOTOMETRIC DATA (MEASURED):



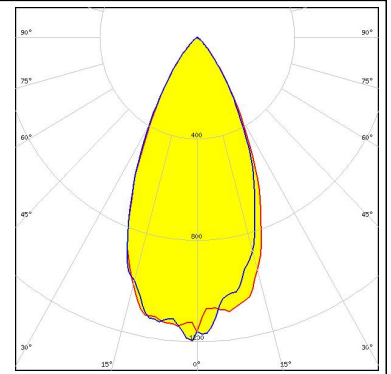
LED NVSxE21A  
FWHM 32.0°  
Efficiency 73 %  
Peak intensity 1.800 cd/lm  
Required components:



#### PHOTOMETRIC DATA (SIMULATED):

**OSRAM**  
Opto Semiconductors

LED                    Oslon SSL 80  
FWHM                49.0°  
Efficiency            83 %  
Peak intensity      1.160 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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