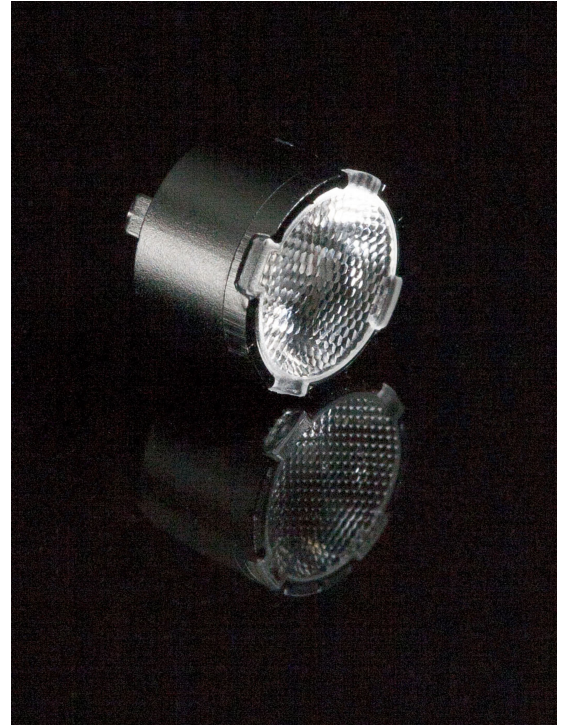


## LISA2-WWX-PIN

~60° wide beam optimized for Osram Oslon SSL 80. 7.0 mm high variant with location pin installation.

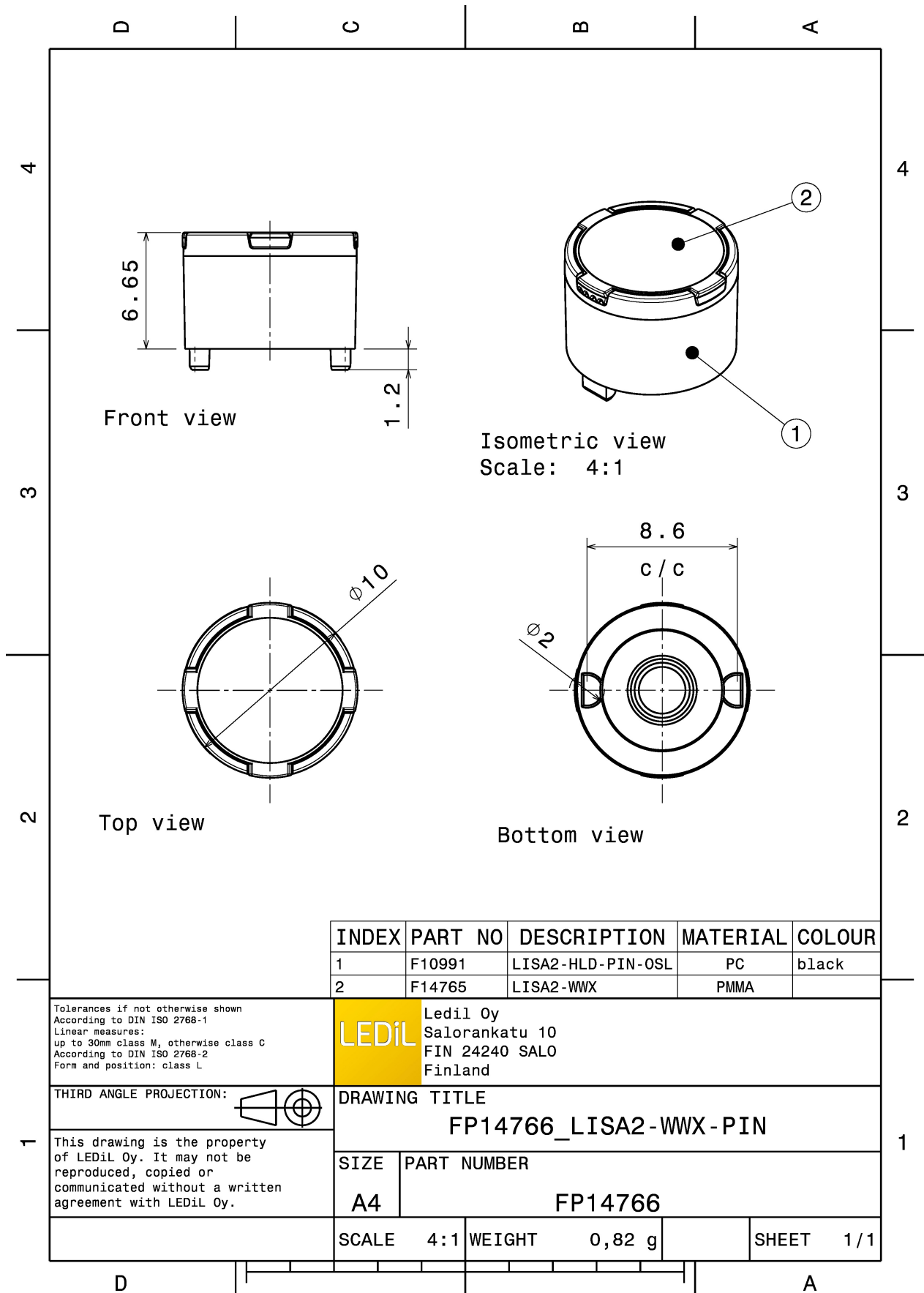
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 9.9 mm
Height	7 mm
Fastening	glue, pin
Colour	black
Box size	
Box weight	1.4 kg
Quantity in Box	2000 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

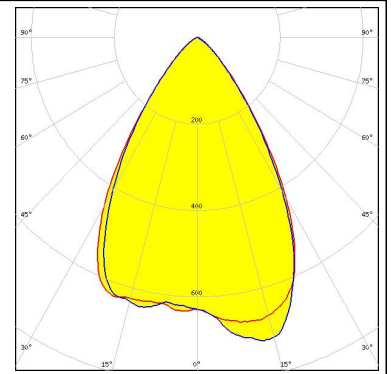
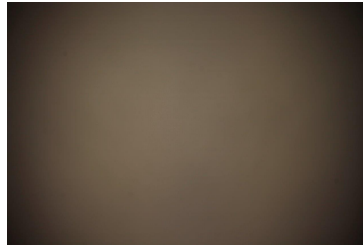
Component	Type	Material	Colour
LISA2-WWX	Lens	PMMA	clear
LISA2-HLD-PIN-OSL	Holder	PC	black



## PHOTOMETRIC DATA (MEASURED):

**OSRAM**  
Opto Semiconductors

LED            Oslon Square EC  
FWHM        63.0°  
Efficiency    79 %  
Peak intensity 0.740 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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