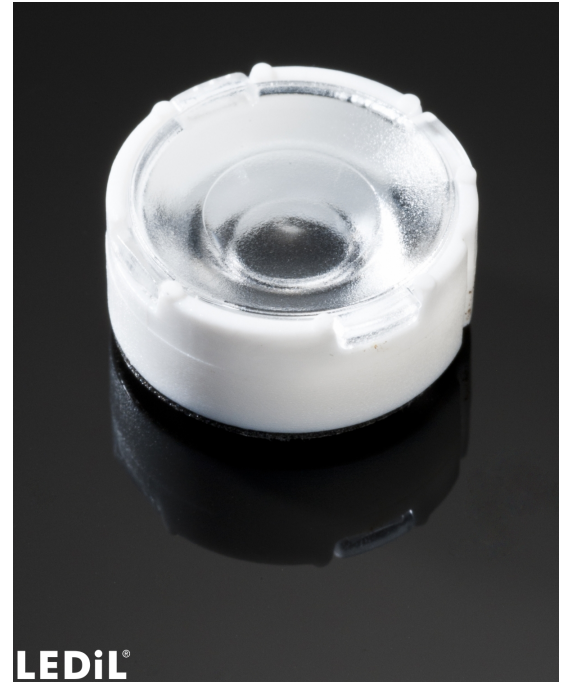


## TINA3-WWW

~70° very wide beam. Assembly with holder and installation tape.

### SPECIFICATION:

Dimensions	Ø 16.1 mm
Height	7.3 mm
Fastening	tape
ROHS compliant	yes ⓘ

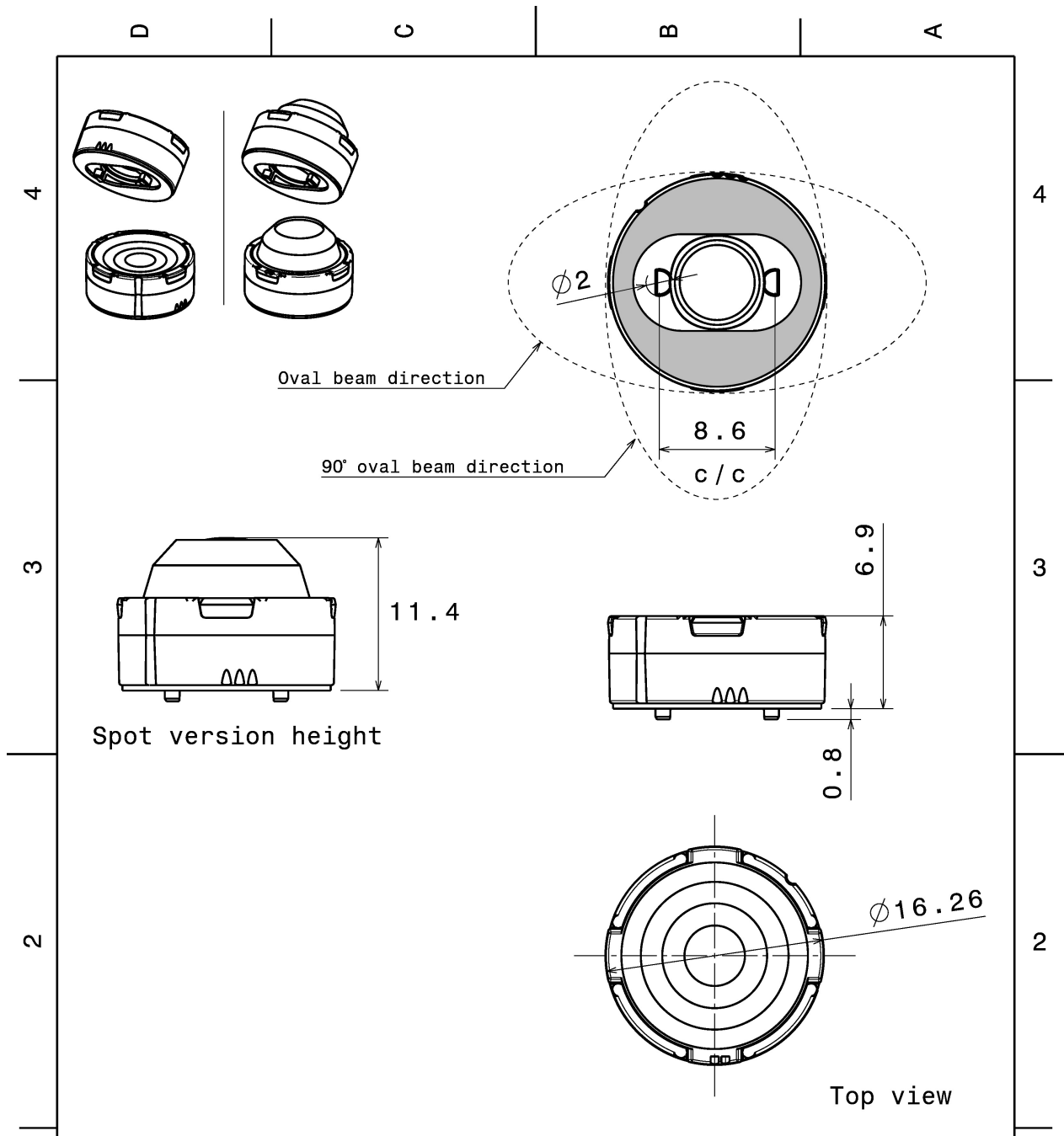


### MATERIALS:

Component	Type	Material	Colour	Finish
TINA3-WWW	Single lens	PMMA	clear	
TINA3-HLD-TAPE	Holder	PC	white	
TINA-TAPE3	Tape	Acrylic foam	black	

### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA13045_TINA3-WWW	Single lens	5750	230	230	8.3
» Box size: 451 x 241 x 298 mm					



Tolerances if not otherwise shown  
According to DIN ISO 2768-1  
Linear measures:  
Up to 30mm class F, otherwise class M.  
According to DIN ISO 2768-2  
Form and position: class K

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Salorankatu 10  
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Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE  
**TINA3 Datasheet**


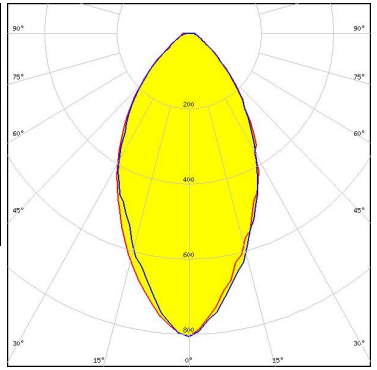

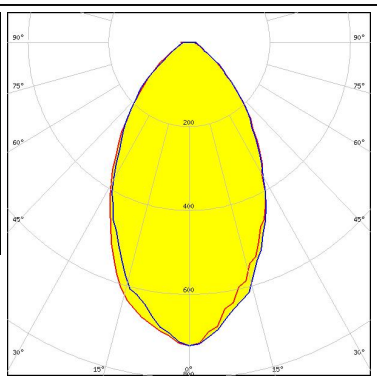

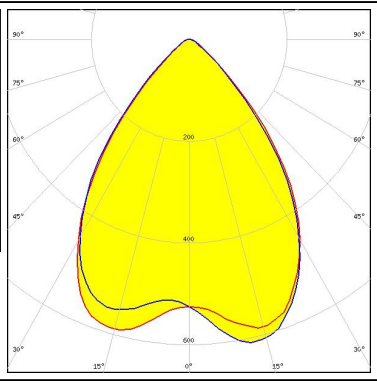
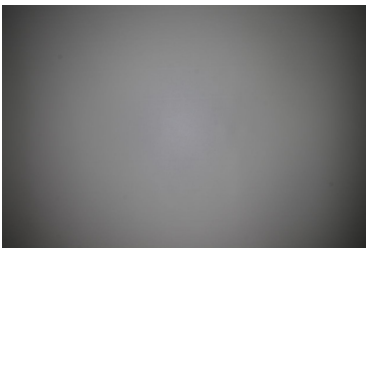
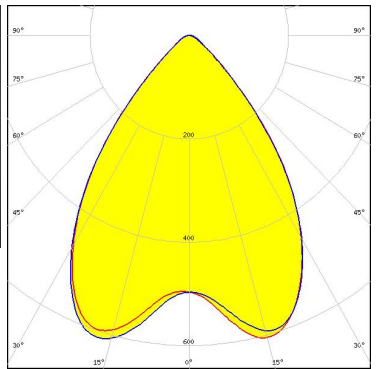
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SIZE	PART NUMBER
A4	-

SCALE	4:3	WEIGHT	-	SHEET	1/1
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See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

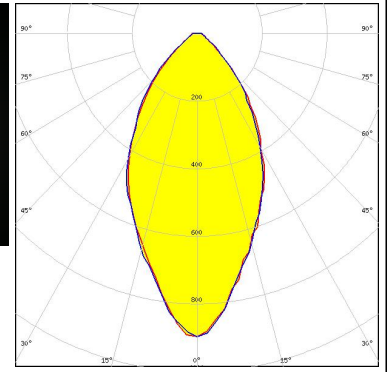
### OPTICAL RESULTS (MEASURED):

<p><b>CREE</b> → <b>LED</b></p> <p>LED            XP-E            FWHM / FWTM    57.0° / 108.0°            Efficiency        92 %            Peak intensity    0.8 cd/m            LEDs/each optic    1            Light colour        White            Required components:</p>		
<p><b>CREE</b> → <b>LED</b></p> <p>LED            XP-G            FWHM / FWTM    60.0° / 112.0°            Efficiency        92 %            Peak intensity    0.7 cd/m            LEDs/each optic    1            Light colour        White            Required components:</p>		
<p><b>CREE</b> → <b>LED</b></p> <p>LED            XP-G2            FWHM / FWTM    76.0° / 105.0°            Efficiency        88 %            Peak intensity    0.5 cd/m            LEDs/each optic    1            Light colour        White            Required components:</p>		
<p><b>CREE</b> → <b>LED</b></p> <p>LED            XP-L HI            FWHM / FWTM    80.0° / 107.0°            Efficiency        88 %            Peak intensity    0.6 cd/m            LEDs/each optic    1            Light colour        White            Required components:</p>		

### OPTICAL RESULTS (MEASURED):



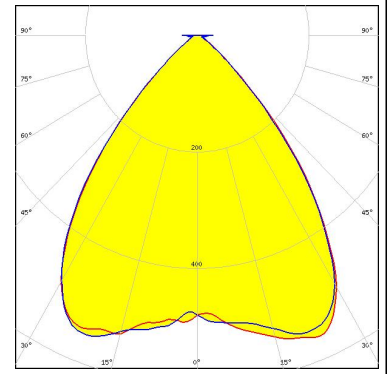
LED	XT-E
FWHM / FWTM	56.0° / 102.0°
Efficiency	93 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



## OPTICAL RESULTS (SIMULATED):



LED	XD16
FWHM / FWTM	80.0° / 104.0°
Efficiency	90 %
Peak intensity	0.6 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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