

ANNA-40-7-S

~15° spot beam with 7 optics

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 40.0 mm
Height	10.7 mm
Fastening	pin
ROHS compliant	yes ⓘ

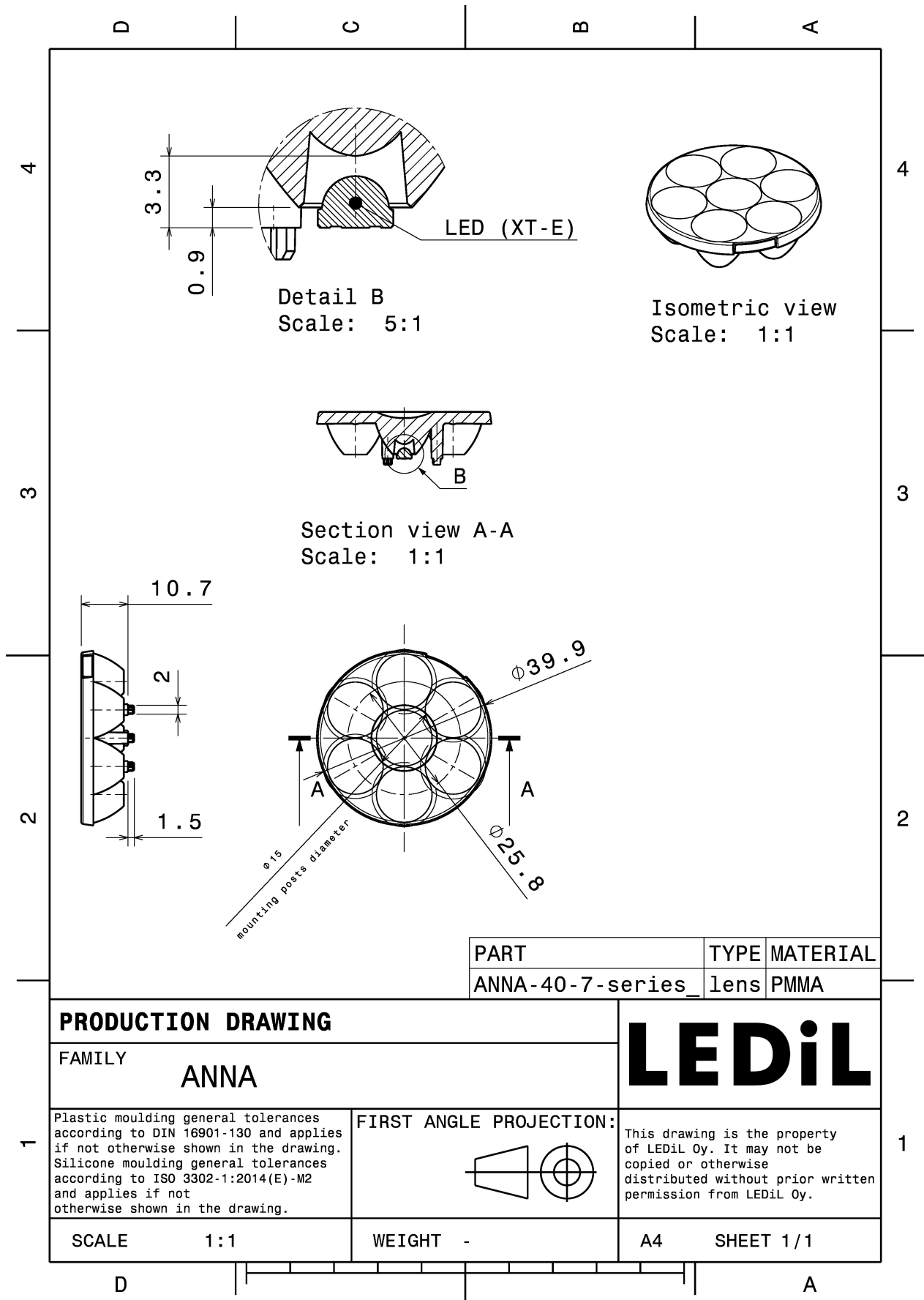
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
ANNA-40-7-S	Multi-lens	PMMA	clear	



ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C13483_ANNA-40-7-S » Box size: 480 x 280 x 300 mm	760	120	40	8.2



PART	TYPE	MATERIAL
ANNA-40-7-series_	lens	PMMA

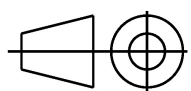
PRODUCTION DRAWING

FAMILY
ANNA

LEDiL

Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1:2014(E)-M2 and applies if not otherwise shown in the drawing.

FIRST ANGLE PROJECTION:



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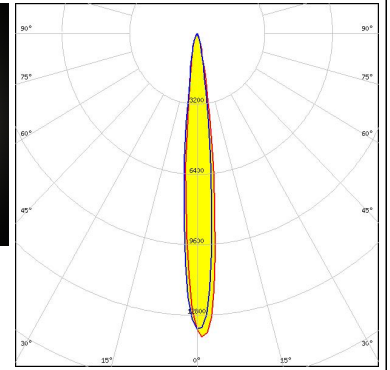
SCALE	1:1	WEIGHT	-	A4	SHEET 1/1
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See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

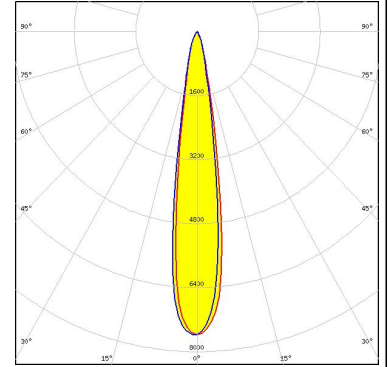
CREE LED

LED XP-E2
 FWHM / FWTM 12.0° / 24.5°
 Efficiency 87 %
 Peak intensity 13.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



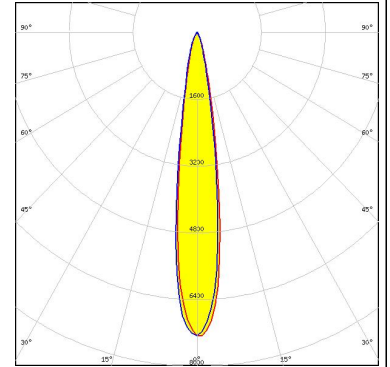
CREE LED

LED XP-G2
 FWHM / FWTM 17.0° / 33.0°
 Efficiency 91 %
 Peak intensity 7.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:


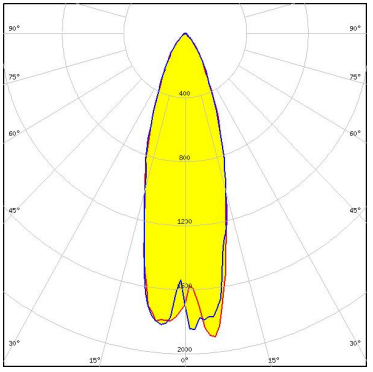

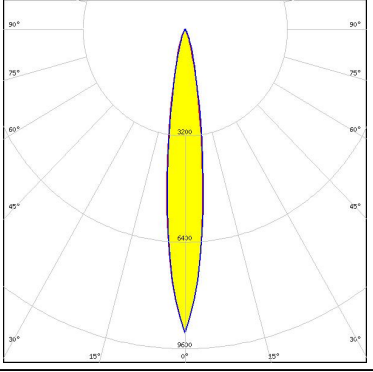

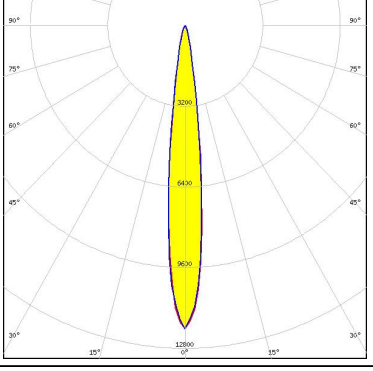

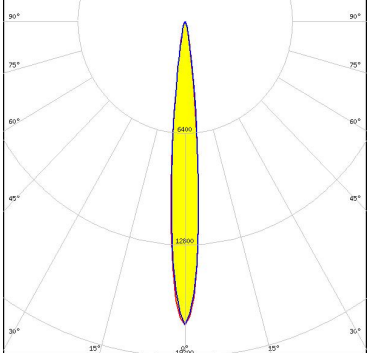


CREE LED

LED XT-E
 FWHM / FWTM 16.0° / 33.0°
 Efficiency 89 %
 Peak intensity 7.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



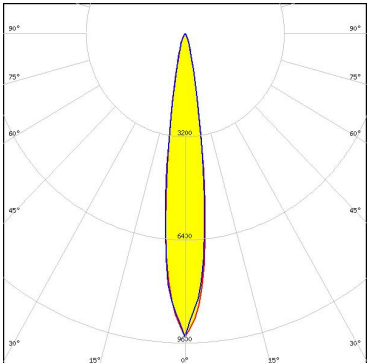
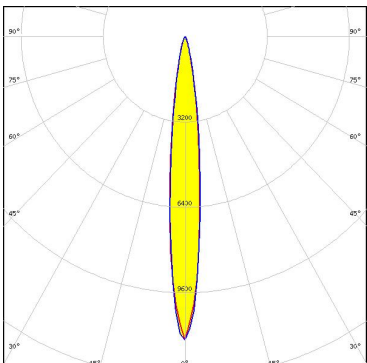
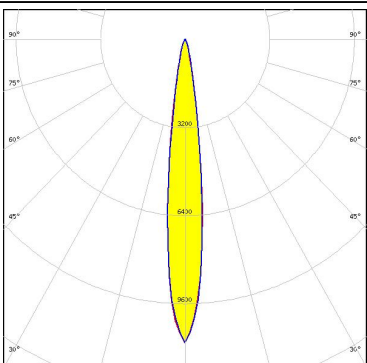
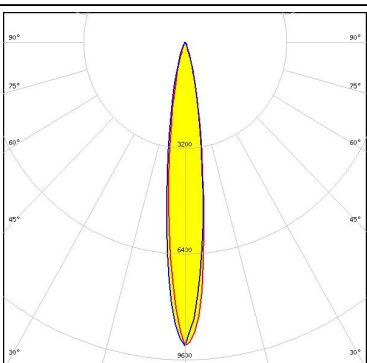
PHOTOMETRIC DATA (SIMULATED):

<p></p> <p>LED SM4 FWHM / FWTM 33.0° / 66.0° Efficiency 87 % Peak intensity 2.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p></p> <p>LED J Series 2835 FWHM / FWTM 14.0° / 32.0° Efficiency 96 % Peak intensity 9.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p></p> <p>LED XB-D FWHM / FWTM 13.0° / 25.0° Efficiency 90 % Peak intensity 12 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p></p> <p>LED XP-E FWHM / FWTM 11.0° / 21.0° Efficiency 93 % Peak intensity 17.4 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

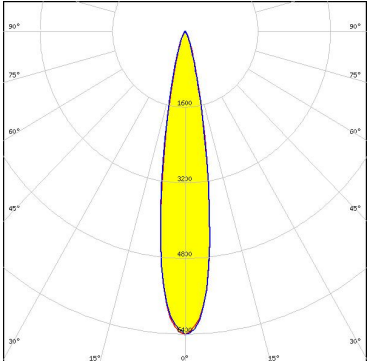
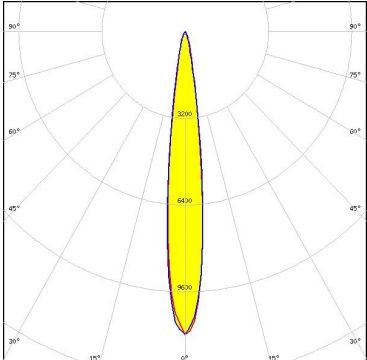
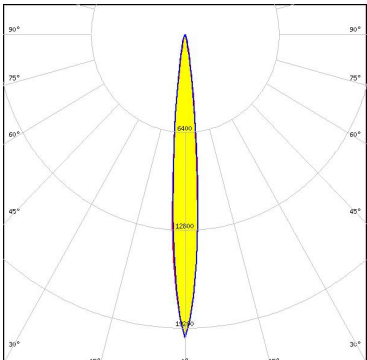
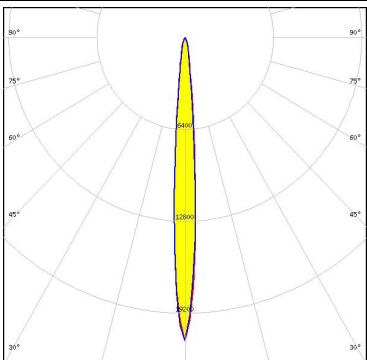
PHOTOMETRIC DATA (SIMULATED):

<p>CREE → LED</p> <p>LED: XP-G FWHM / FWTM: 15.0° / 30.0° Efficiency: 93 % Peak intensity: 9.3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE → LED</p> <p>LED: XP-L HD FWHM / FWTM: 22.0° / 42.0° Efficiency: 92 % Peak intensity: 4.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON PWT FWHM / FWTM: 17.0° / 32.0° Efficiency: 88 % Peak intensity: 7.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON T FWHM / FWTM: 17.0° / 31.0° Efficiency: 92 % Peak intensity: 8.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

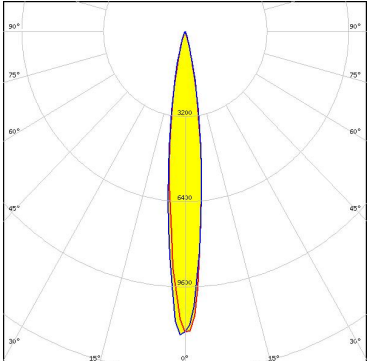
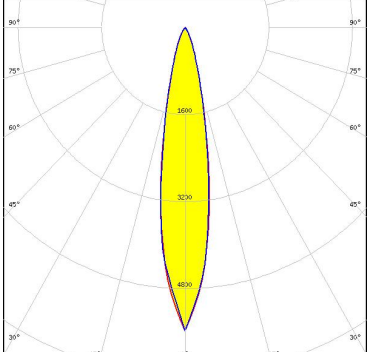
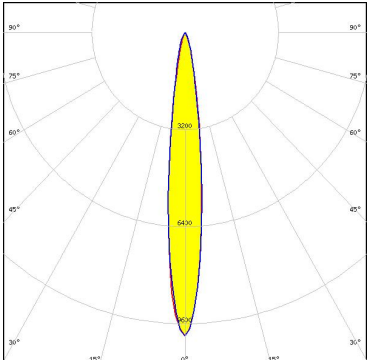
PHOTOMETRIC DATA (SIMULATED):

<p>LUMILEDS</p> <p>LED: LUXEON TX FWHM / FWTM: 15.0° / 29.0° Efficiency: 93 % Peak intensity: 9.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>NICHIA</p> <p>LED: NCSxx19A FWHM / FWTM: 17.0° / 30.0° Efficiency: 87 % Peak intensity: 7.7 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>NICHIA</p> <p>LED: NCSxx19B FWHM / FWTM: 14.0° / 27.0° Efficiency: 95 % Peak intensity: 11 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>NICHIA</p> <p>LED: NF2x757A FWHM / FWTM: 14.0° / 32.0° Efficiency: 92 % Peak intensity: 9.2 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

<p>NICHIA</p> <p>LED: NVSxx19B/NVSxx19C FWHM / FWTM: 18.0° / 35.0° Efficiency: 92 % Peak intensity: 6.3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: OSLOM Square EC FWHM / FWTM: 13.0° / 27.0° Efficiency: 92 % Peak intensity: 11.2 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: OSLOM SSL 150 FWHM / FWTM: 10.0° / 21.0° Efficiency: 92 % Peak intensity: 19.8 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: OSLOM SSL 80 FWHM / FWTM: 8.0° / 19.0° Efficiency: % Peak intensity: 21.1 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

<p>OSRAM Opto Semiconductors</p> <p>LED SFH 4715S FWHM / FWTM 13.0° / 28.0° Efficiency 90 % Peak intensity 11.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>SEOL SEOUL SEMICONDUCTOR</p> <p>LED Z8Y22P FWHM / FWTM 18.0° Efficiency 90 % Peak intensity 5.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>SHARP</p> <p>LED Double Dome (GM2BB) FWHM / FWTM 13.0° / 29.0° Efficiency 89 % Peak intensity 10 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

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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