

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 ⓘ

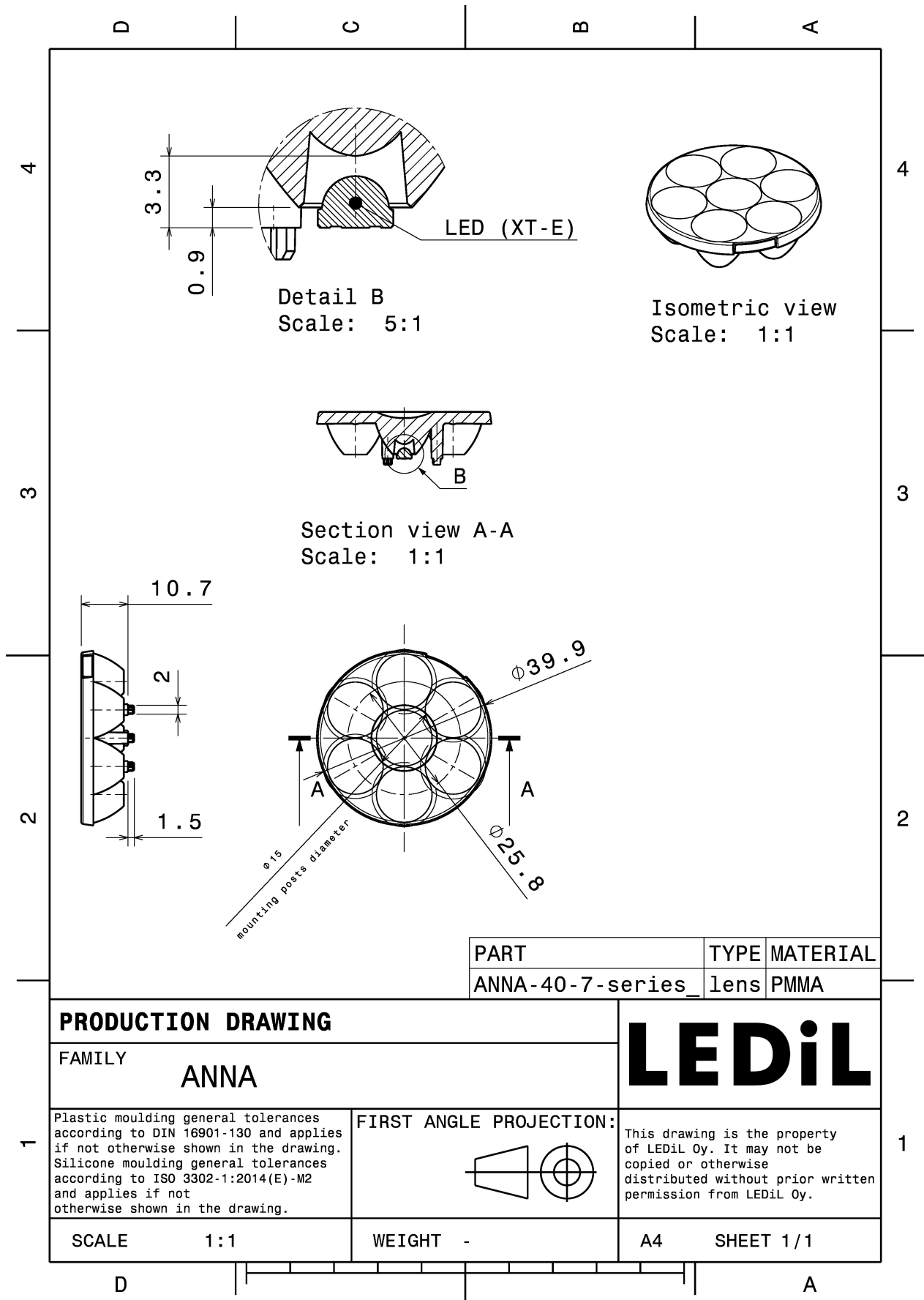
MATERIAL SPECIFICATIONS:

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




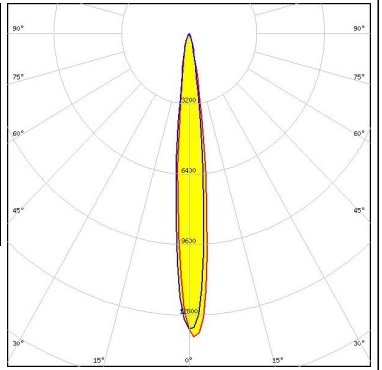
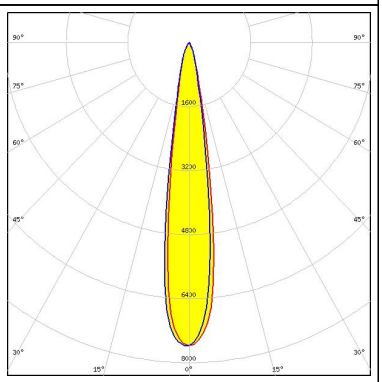
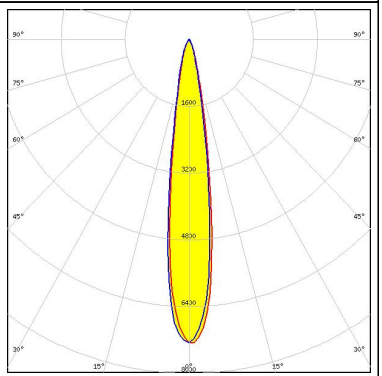
ORDERING INFORMATION:

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


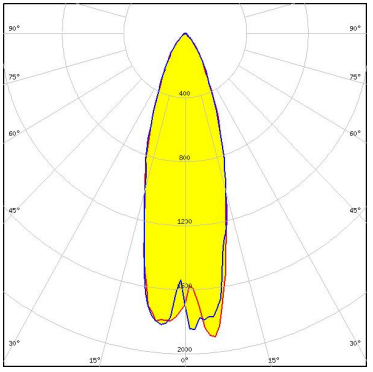

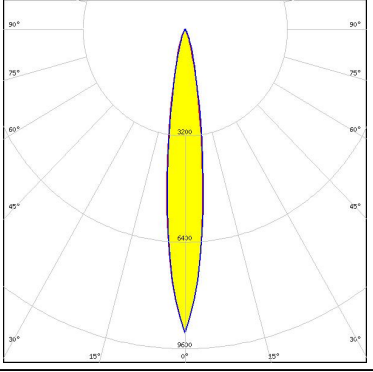

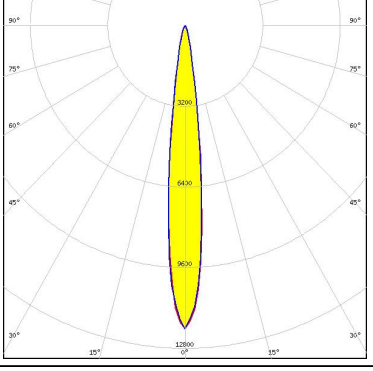

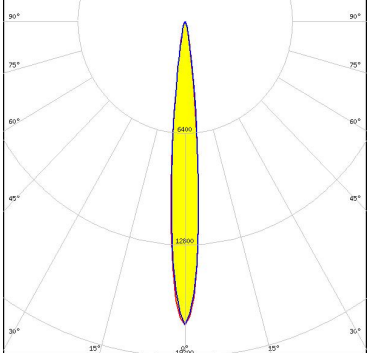


See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

<p>CREE → LED</p> <p>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:</p>		
<p>CREE → LED</p> <p>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:</p>		
<p>CREE → LED</p> <p>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:</p>		

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 White 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>	

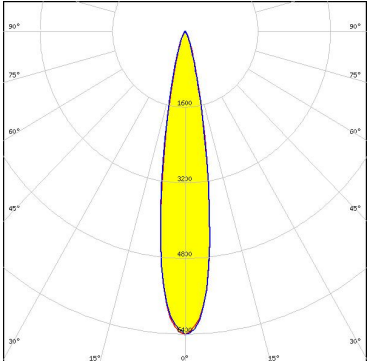
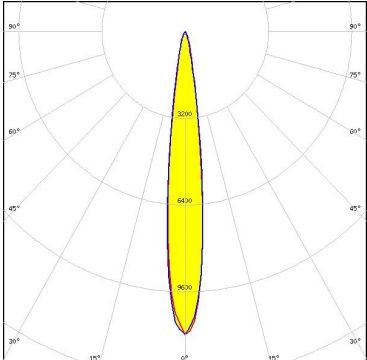
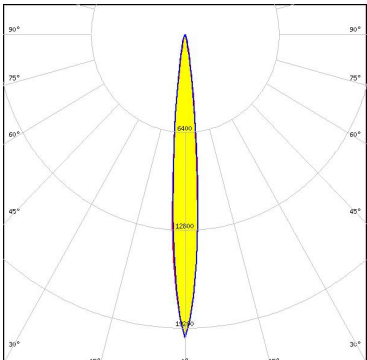
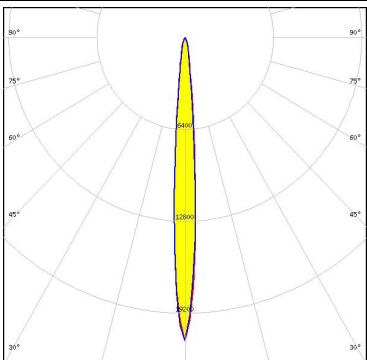
PHOTOMETRIC DATA (SIMULATED):

<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):

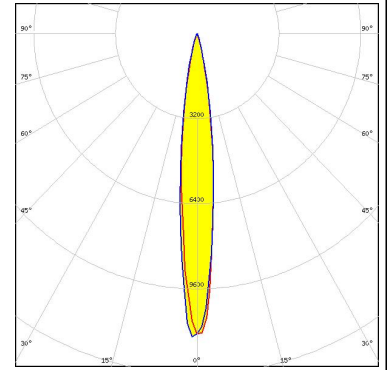
<p>NICHIA</p> <p>LED: NVSxx19B/NVSxx19C</p> <p>FWHM / FWTM: 18.0° / 35.0°</p> <p>Efficiency: 92 %</p> <p>Peak intensity: 6.3 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: OSOLON Square EC</p> <p>FWHM / FWTM: 13.0°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

PHOTOMETRIC DATA (SIMULATED):

OSRAM

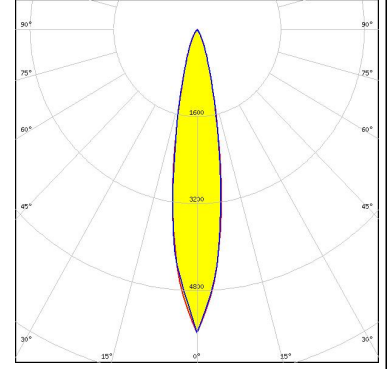
Opto Semiconductors

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:



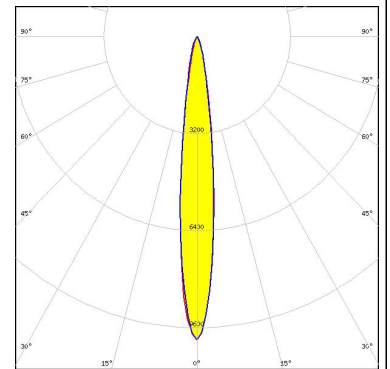
SEOUL SEMICONDUCTOR

LED Z8Y22P
 FWHM / FWTM 18.0°
 Efficiency 90 %
 Peak intensity 5.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SHARP

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:



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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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support

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