

ANNA-40-7-W

~30° wide beam with 7 optics

SPECIFICATION:

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

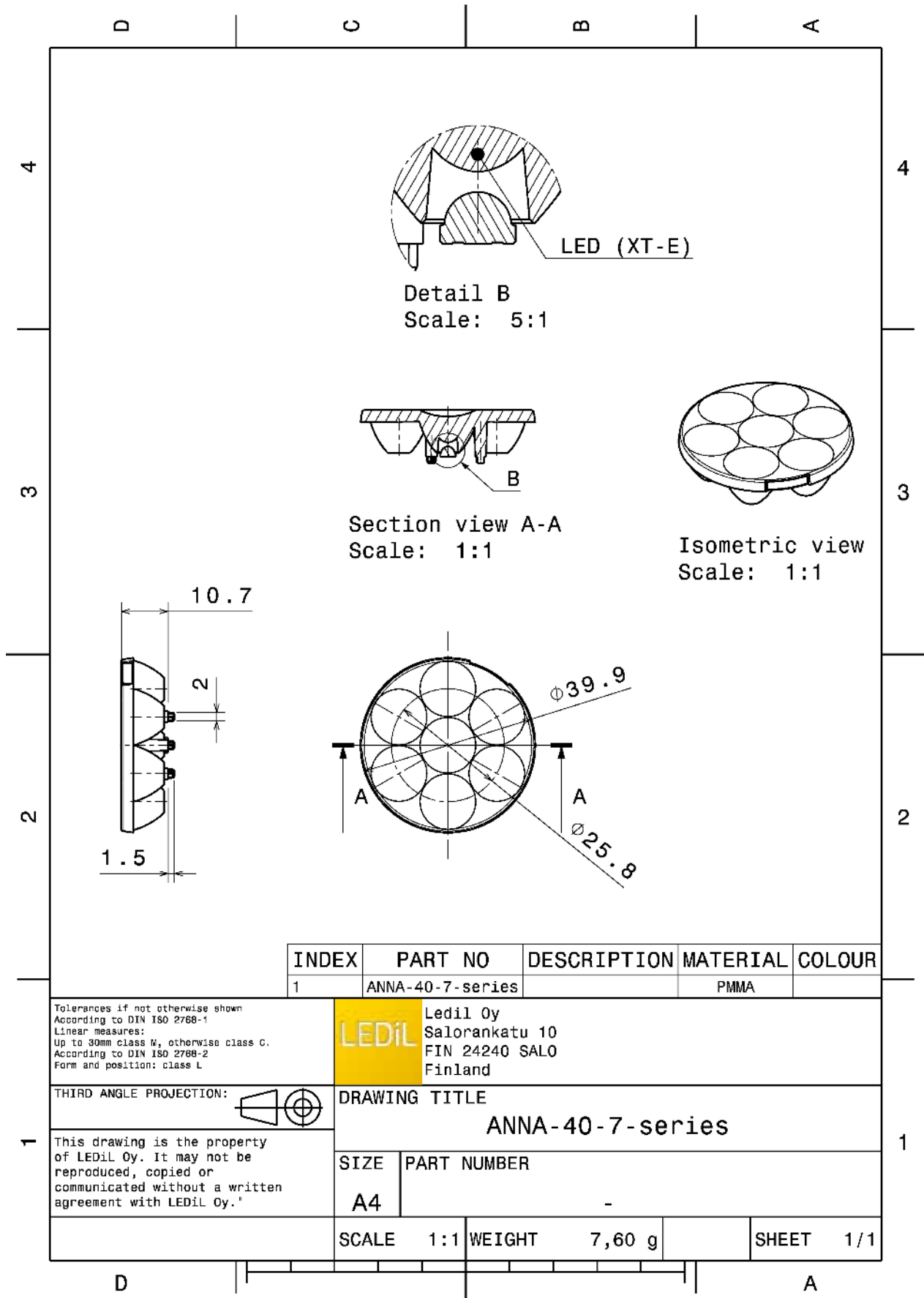
MATERIALS:

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




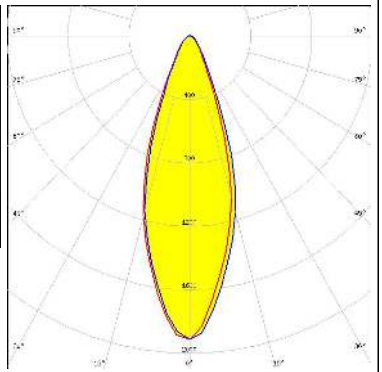

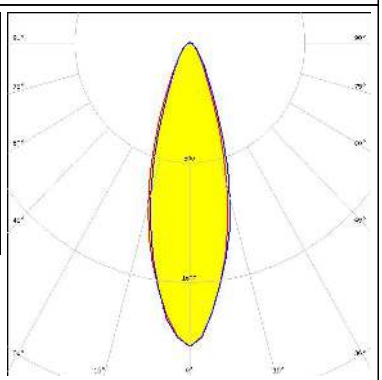
ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C13485_ANNA-40-7-W » Box size: 480 x 280 x 300 mm	760	120	40	7.5



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

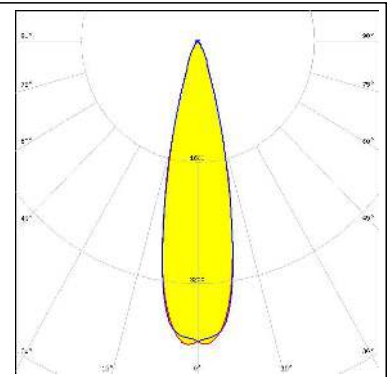
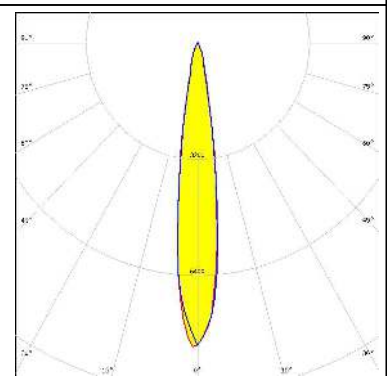
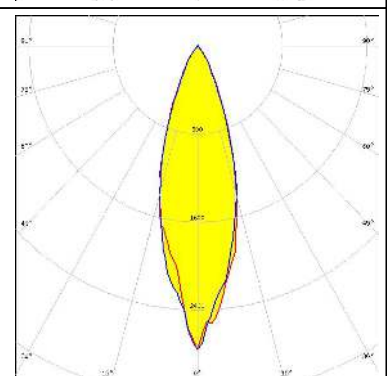
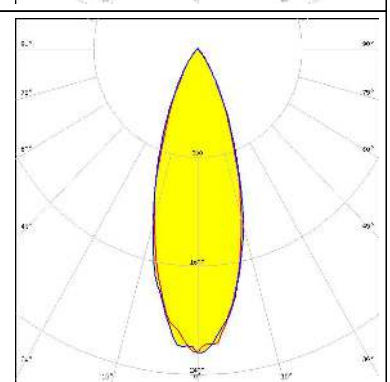
OPTICAL RESULTS (MEASURED):

<p>CREE ⇄ LED</p> <p>LED XP-G2 FWHM / FWTM 36.0° / 65.0° Efficiency 88 % Peak intensity 2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p>CREE ⇄ LED</p> <p>LED XT-E FWHM / FWTM 33.0° / 62.0° Efficiency 86 % Peak intensity 2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		


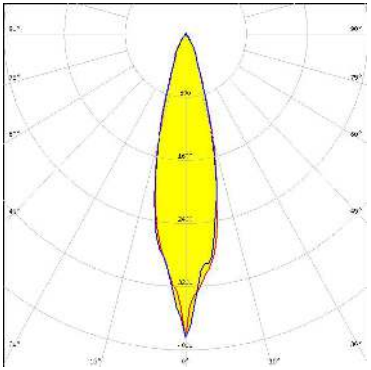

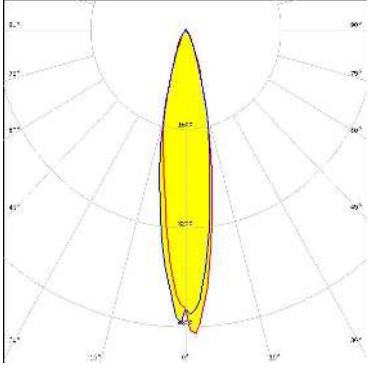

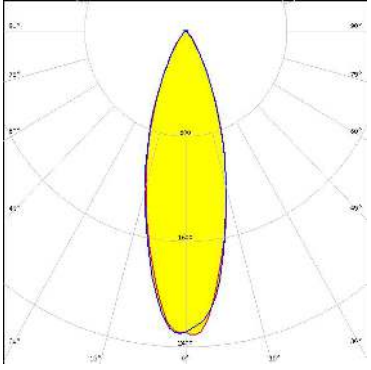

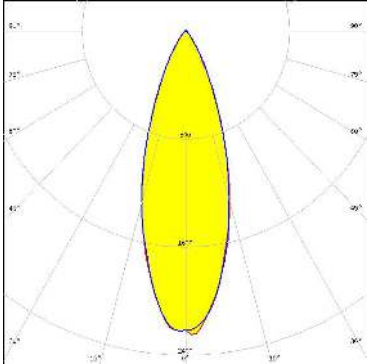
OPTICAL RESULTS (SIMULATED):

<p>CREE ⇄ LED</p> <p>LED J Series 2835 FWHM / FWTM 27.0° / 54.0° Efficiency 96 % Peak intensity 3.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>CREE ⇄ LED</p> <p>LED XB-D FWHM / FWTM 35.4° / 60.9° Efficiency 89 % Peak intensity 2.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>CREE ⇄ LED</p> <p>LED XP-G FWHM / FWTM 42.0° / 67.0° Efficiency 92 % Peak intensity 1.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>CREE ⇄ LED</p> <p>LED XP-L HD FWHM / FWTM 41.0° / 77.0° Efficiency 88 % Peak intensity 1.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

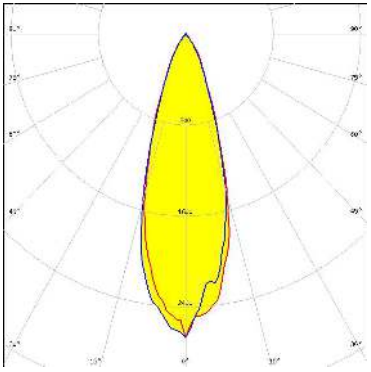
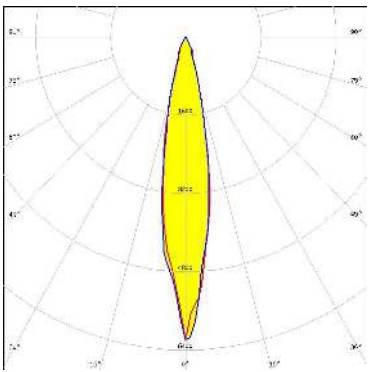
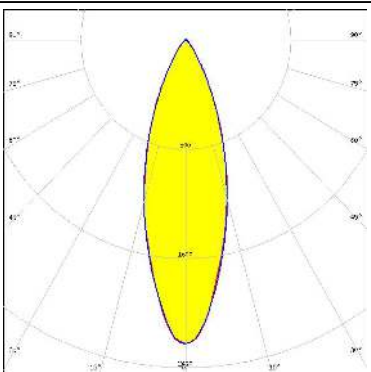
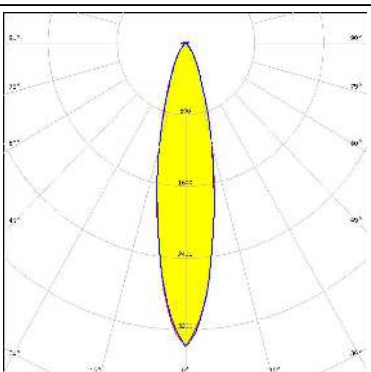
OPTICAL RESULTS (SIMULATED):

<p>LUMILEDS</p> <p>LED: LUXEON HL1Z FWHM / FWTM: 26.0° / 42.0 + 44.0° Efficiency: 96 % Peak intensity: 4.1 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON PWT FWHM / FWTM: 14.7° / 29.1° Efficiency: 88 % Peak intensity: 8.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON T FWHM / FWTM: 30.0° / 58.0° Efficiency: 92 % Peak intensity: 2.9 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON TX FWHM / FWTM: 34.0° / 64.0° Efficiency: 92 % Peak intensity: 2.2 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	


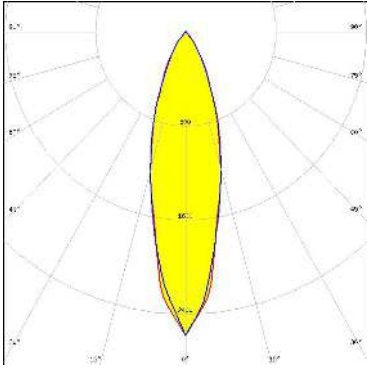
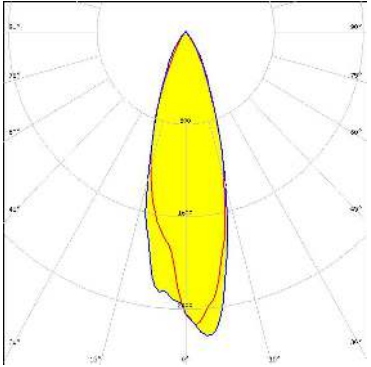
OPTICAL RESULTS (SIMULATED):

	<p>LED NCSxx19A FWHM / FWTM 24.1° / 47.1° Efficiency 88 % Peak intensity 3.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
	<p>LED NF2x757A FWHM / FWTM 19.5° / 43.6° Efficiency 92 % Peak intensity 5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
	<p>LED NVSxx19B/NVSxx19C FWHM / FWTM 32.0° / 63.0° Efficiency 92 % Peak intensity 2.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
	<p>LED OSLOM Square CSSRM2/CSSRM3 FWHM / FWTM 34.0° / 64.0° Efficiency 94 % Peak intensity 2.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

<p>OSRAM Opto Semiconductors</p> <p>LED: OSLON Square EC</p> <p>FWHM / FWTM: 31.5° / 59.2°</p> <p>Efficiency: 91 %</p> <p>Peak intensity: 2.8 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: SFH 4715S</p> <p>FWHM / FWTM: 18.0° / 36.0°</p> <p>Efficiency: 89 %</p> <p>Peak intensity: 6.6 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
<p>SAMSUNG</p> <p>LED: LH351B</p> <p>FWHM / FWTM: 32.0° / 64.0°</p> <p>Efficiency: 95 %</p> <p>Peak intensity: 2.2 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
<p>SEMI SEOUL SEMICONDUCTOR</p> <p>LED: Z8Y22</p> <p>FWHM / FWTM: 22.0° / 52.0°</p> <p>Efficiency: 94 %</p> <p>Peak intensity: 3.4 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	

OPTICAL RESULTS (SIMULATED):

 SEOUL SEMICONDUCTOR		
LED	Z8Y22P	
FWHM / FWTM	28.0°	
Efficiency	91 %	
Peak intensity	2.6 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
SHARP		
LED	Double Dome (GM2BB)	
FWHM / FWTM	28.9° / 59.3°	
Efficiency	89 %	
Peak intensity	2.7 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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