

ANNA-40-6-S

~15° spot beam with 6 optics

SPECIFICATION:

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

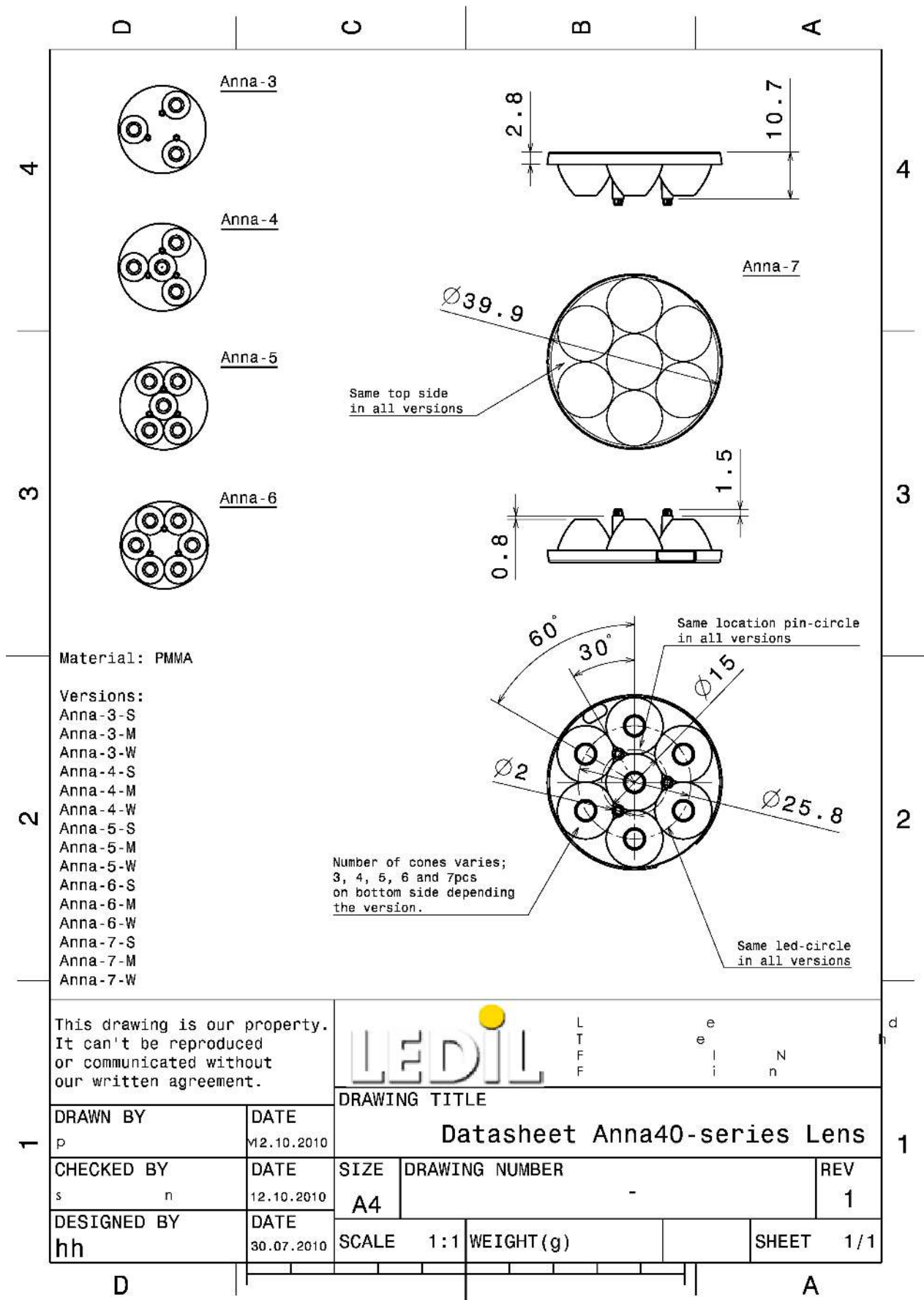


MATERIALS:

Component	Type	Material	Colour	Finish
ANNA-40-6-S	Multi-lens	PMMA	clear	

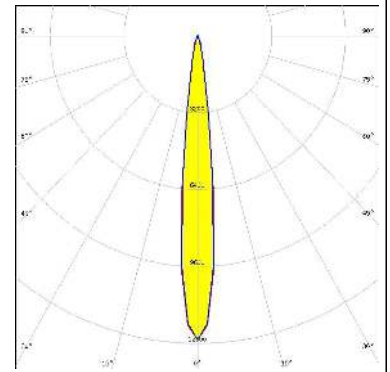
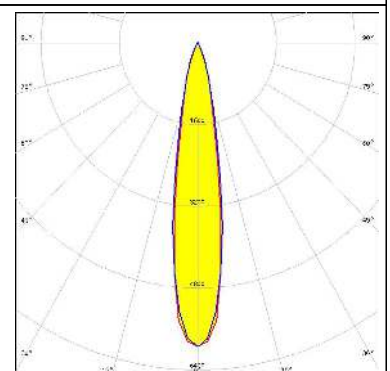
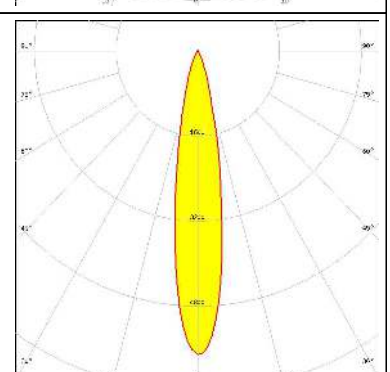
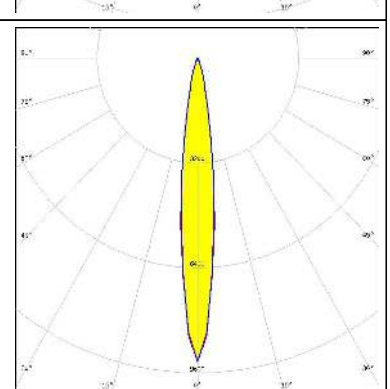
ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C11805_ANNA-40-6-S » Box size: 480 x 280 x 300 mm	760	120	40	7.7


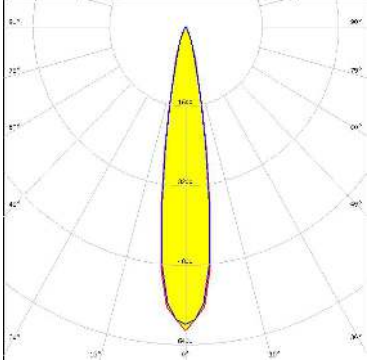




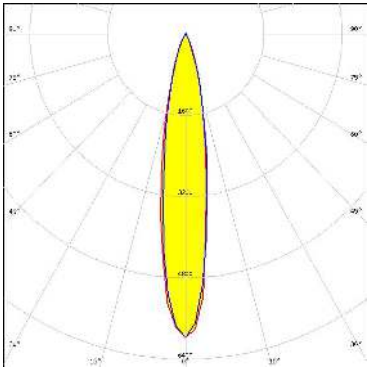


See also our general installation guide: www.ledil.com/installation_guide

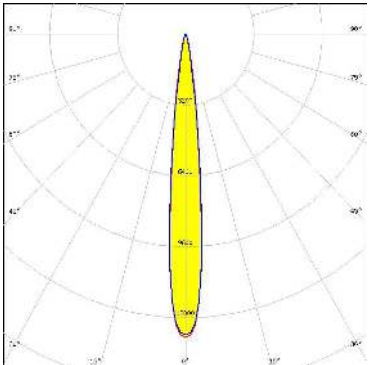
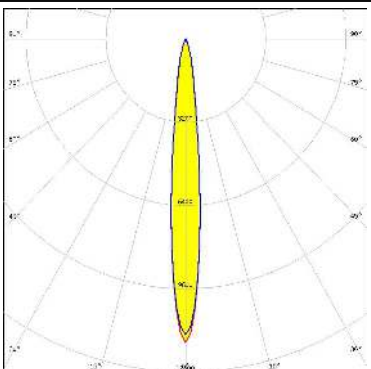
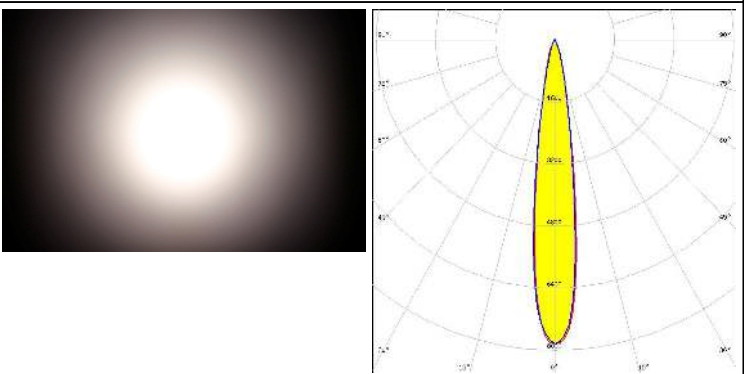
OPTICAL RESULTS (MEASURED):

<p>CREE → LED</p> <p>LED: XP-E FWHM / FWTM: 12.0° / 38.0° Efficiency: 93 % Peak intensity: 12.7 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>CREE → LED</p> <p>LED: XP-G FWHM / FWTM: 18.0° / 39.0° Efficiency: 93 % Peak intensity: 5.9 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON A FWHM / FWTM: 19.0° / 40.0° Efficiency: 87 % Peak intensity: 5.7 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON Rebel FWHM / FWTM: 13.0° / 28.0° Efficiency: 92 % Peak intensity: 9.3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

OPTICAL RESULTS (MEASURED):

 LED LUXEON Rebel ES FWHM / FWTM 18.0° / 36.0° Efficiency 93 % Peak intensity 6.1 cd/lm LEDs/each optic 1 Light colour White Required components:	
 LED NCSxx19A FWHM / FWTM 16.0° / 35.0° Efficiency 91 % Peak intensity 6.7 cd/lm LEDs/each optic 1 Light colour White Required components:	
 LED NVSxx19A FWHM / FWTM 19.0° / 42.0° Efficiency 91 % Peak intensity 4.9 cd/lm LEDs/each optic 1 Light colour White Required components:	
 Opto Semiconductors LED Duris S5 (2 chip) FWHM / FWTM 18.0° / 41.0° Efficiency 90 % Peak intensity 6 cd/lm LEDs/each optic 1 Light colour White Required components:	 

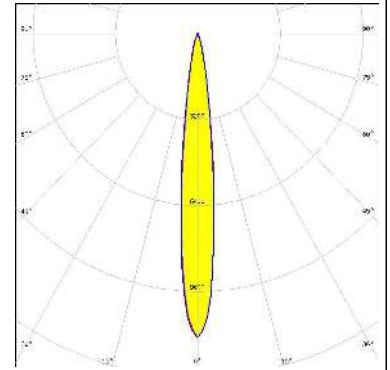
OPTICAL RESULTS (MEASURED):

<p>OSRAM Opto Semiconductors</p> <p>LED OSLOM SSL 150</p> <p>FWHM / FWTM 12.0° / 22.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 13.7 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 OSLOM SSL 80</p> <p>FWHM / FWTM 11.0° / 26.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 11.7 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 Z5M</p> <p>FWHM / FWTM 15.0° / 32.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 7.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

OPTICAL RESULTS (SIMULATED):

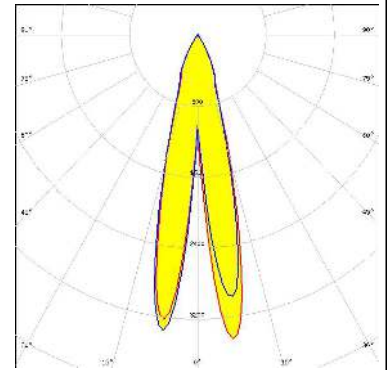
CREE LED

LED XD16
FWHM / FWTM 13.0° / 26.0°
Efficiency 94 %
Peak intensity 11.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LUMILEDS

LED LUXEON CZ
FWHM / FWTM 28.0° / 55.0°
Efficiency 96 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour Red
Required components:



SHARP

LED Double Dome (GM2BB)
FWHM / FWTM 12.0°
Efficiency %
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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