

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 ⓘ

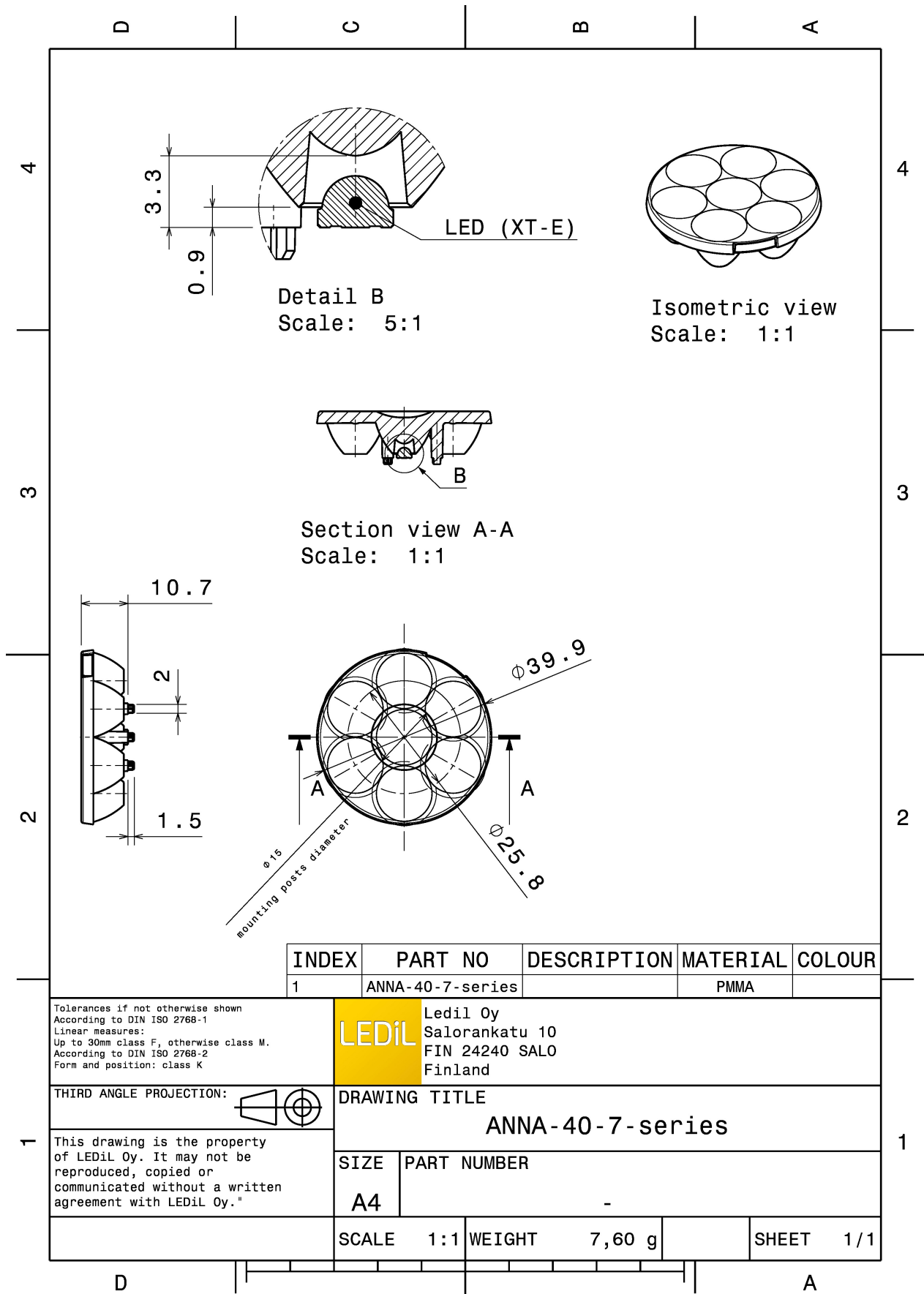
MATERIAL SPECIFICATIONS:

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



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	ANNA-40-7-series		PMMA	

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



Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE

ANNA-40-7-series

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SIZE PART NUMBER

A4

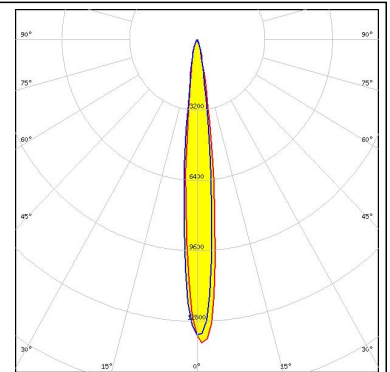
WEIGHT 7,60 g

SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

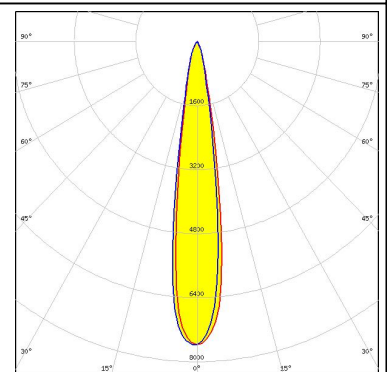
CREE 

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



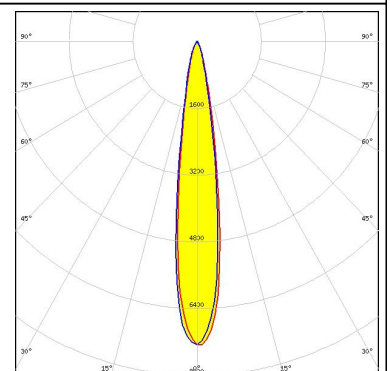
CREE 

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



CREE 

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



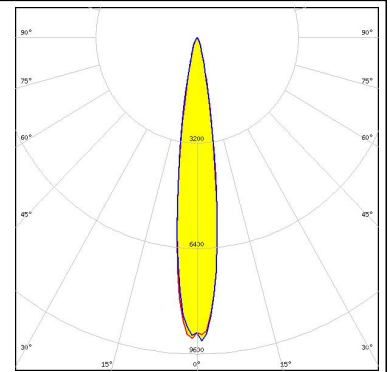
PHOTOMETRIC DATA (SIMULATED):

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

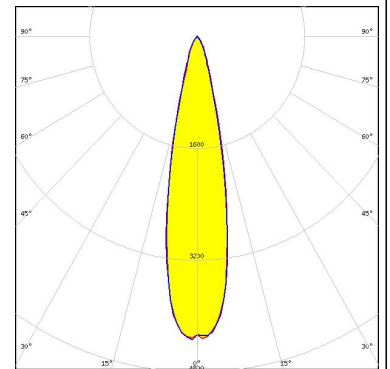
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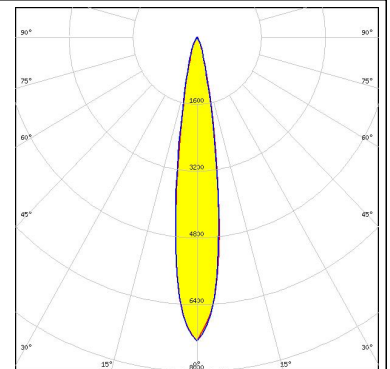
LED XP-G
 FWHM 15.0°
 Efficiency 93 %
 Peak intensity 9.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



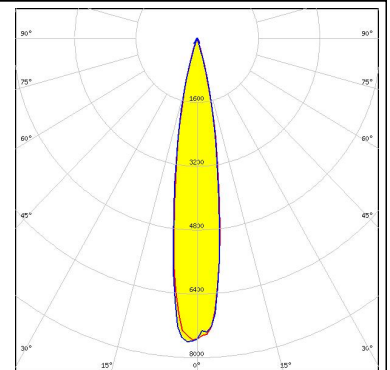
LED XP-L HD
 FWHM 22.0°
 Efficiency 92 %
 Peak intensity 4.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



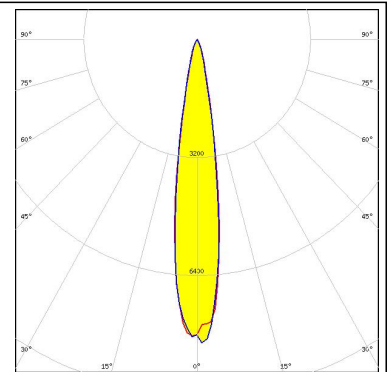
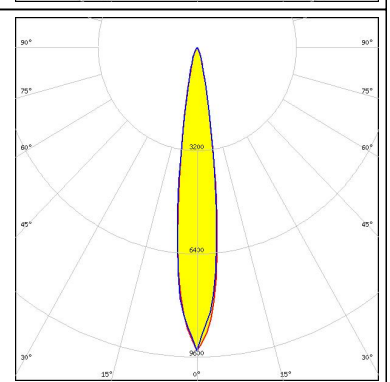
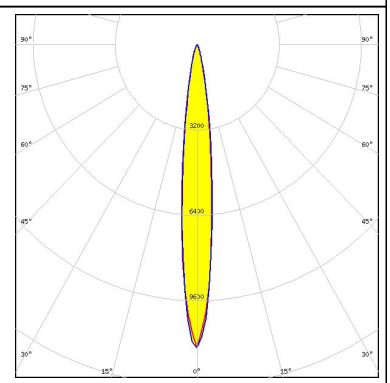
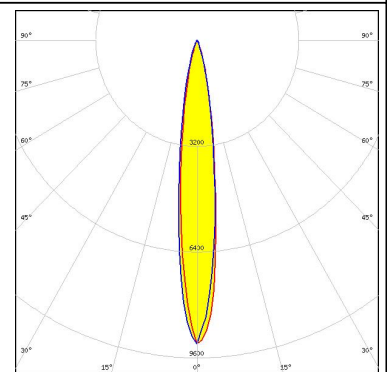
LED H35C0 (LEMWA33)
 FWHM 16.0°
 Efficiency 92 %
 Peak intensity 7.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



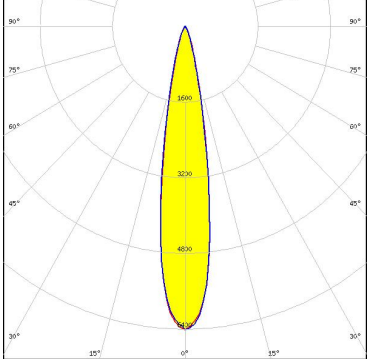
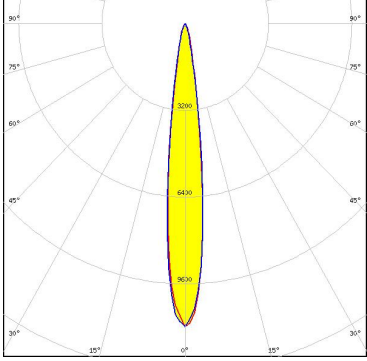
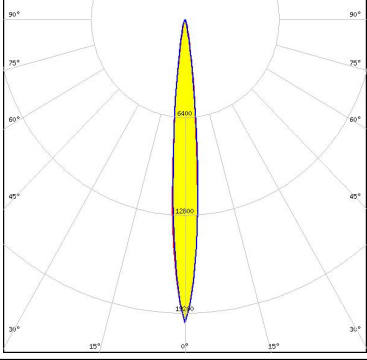
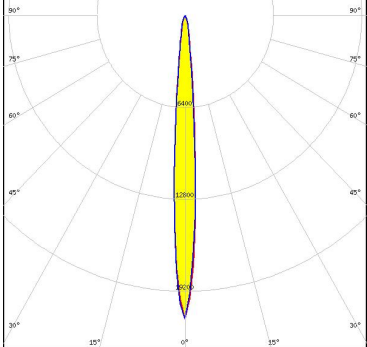
LED LUXEON PWT
 FWHM 17.0°
 Efficiency 88 %
 Peak intensity 7.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

<p>LUMILEDS</p> <p>LED: LUXEON T FWHM: 17.0° Efficiency: 92 % Peak intensity: 8.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>LUMILEDS</p> <p>LED: LUXEON TX FWHM: 15.0° 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: 17.0° Efficiency: 87 % Peak intensity: 7.7 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>NICHIA</p> <p>LED: NF2x757A FWHM: 14.0° Efficiency: 92 % Peak intensity: 9.2 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	

PHOTOMETRIC DATA (SIMULATED):

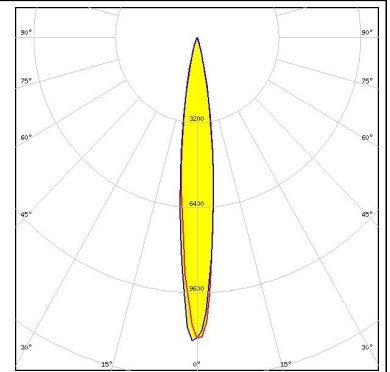
<p>NICHIA</p> <p>LED: NVSxx19B/NVSxx19C FWHM: 18.0° Efficiency: 92 % Peak intensity: 6.3 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: OSOLON Square EC FWHM: 13.0° Efficiency: 92 % Peak intensity: 11.2 cd/lm LEDs/each optic: 1 Light colour: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

PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

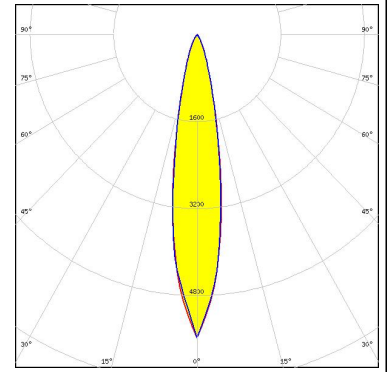
LED SFH 4715S
FWHM 13.0°
Efficiency 90 %
Peak intensity 11.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEKUL

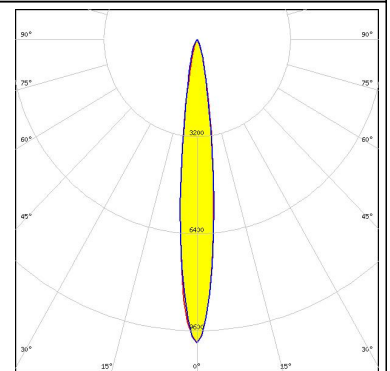
SEOUL SEMICONDUCTOR

LED Z8Y22P
FWHM 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 13.0°
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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