

MINNIE-LT-W-PIN

~35° wide beam. Assembly with location pins and installation tape.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 35.0 mm
Height	15.6 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

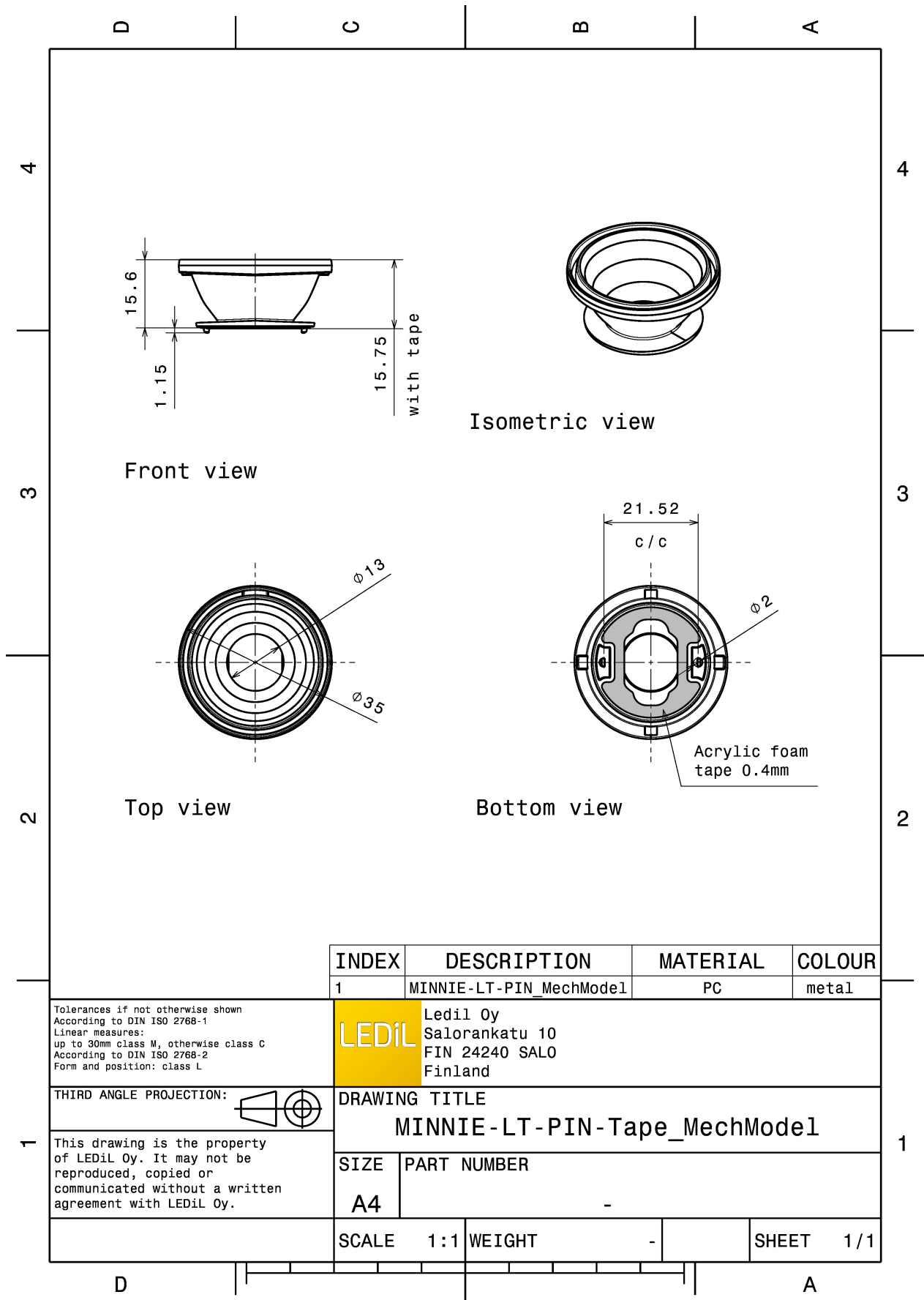
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
MINNIE-LT-W-PIN	Reflector	PC	metal	
SPUTNIK-TAPE3	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CA14942_MINNIE-LT-W-PIN » Box size: 480 x 280 x 300 mm	Reflector	720	90	45	3.6





INDEX	DESCRIPTION	MATERIAL	COLOUR
1	MINNIE-LT-PIN_MechModel	PC	metal

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
up to 30mm class M, otherwise class C
According to DIN ISO 2768-2
Form and position: class L

LEDiL Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
MINNIE-LT-PIN-Tape_MechModel

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SIZE	PART NUMBER
A4	-

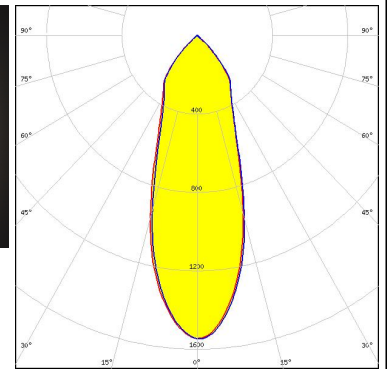
SCALE	1:1	WEIGHT	-	SHEET	1/1
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See also our general installation guide: www.ledil.com/installation_guide

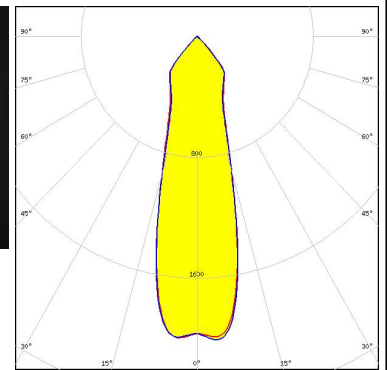
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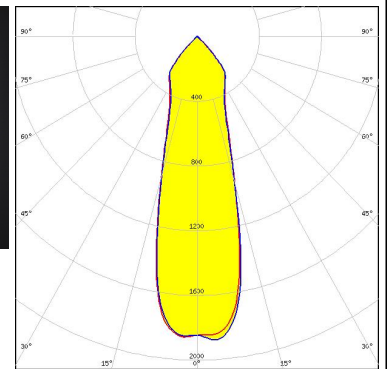
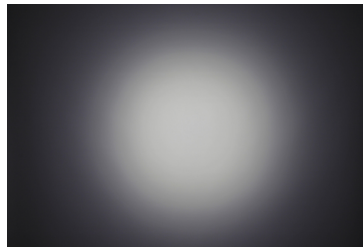
LED XHP70.2
 FWHM / FWTM 35.0° / 87.0°
 Efficiency 91 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



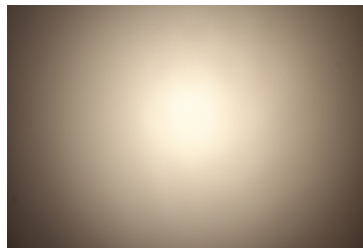
LED LUXEON 5050 Round LES
 FWHM / FWTM 29.0° / 84.0°
 Efficiency 93 %
 Peak intensity 2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:




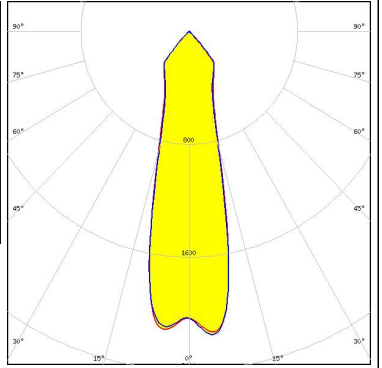

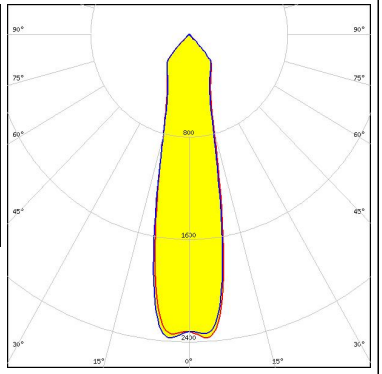
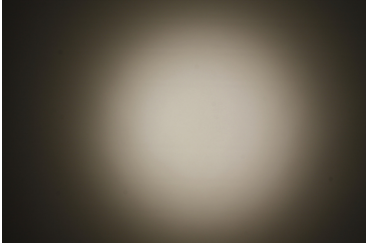
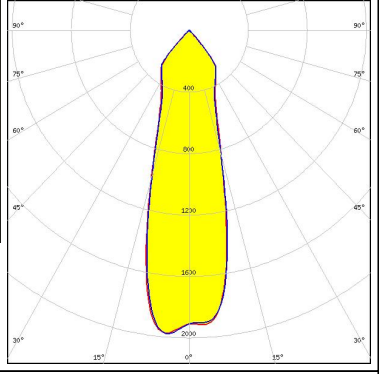
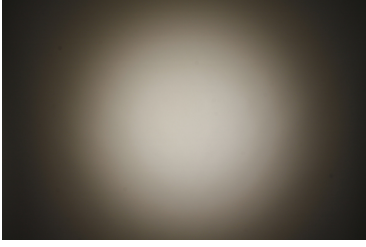
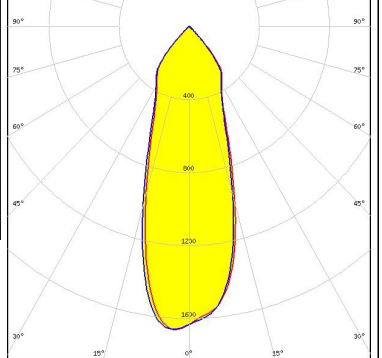
LED LUXEON M/MX
 FWHM / FWTM 30.0° / 84.0°
 Efficiency 91 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED LUXEON M/MX
 FWHM / FWTM 30.0° / 90.0°
 Efficiency 93 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



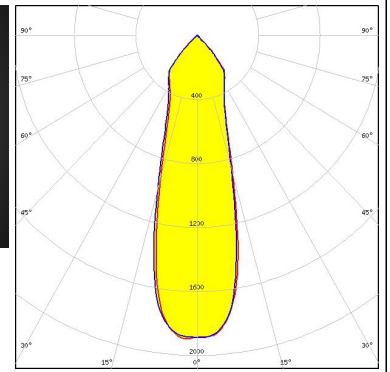
PHOTOMETRIC DATA (MEASURED):

<p>LUMILEDS</p> <p>LED LUXEON MZ</p> <p>FWHM / FWTM 27.0° / 83.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 2.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON V</p> <p>FWHM / FWTM 24.0° / 83.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 2.4 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>NICHIA</p> <p>LED NFMW48xA</p> <p>FWHM / FWTM 29.0° / 83.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 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 Duris S10</p> <p>FWHM / FWTM 34.0° / 84.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 1.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

OSRAM
Opto Semiconductors

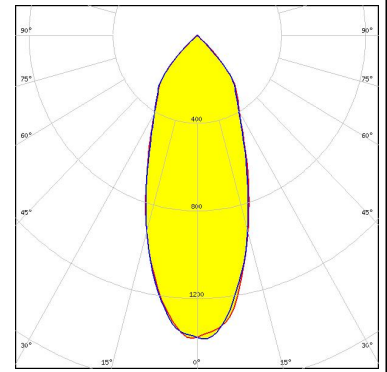
LED OSCONIQ P 7070
FWHM / FWTM 29.0° / 84.0°
Efficiency 92 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



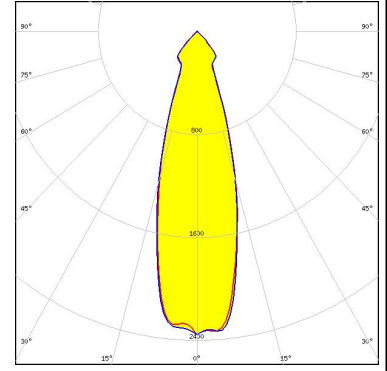
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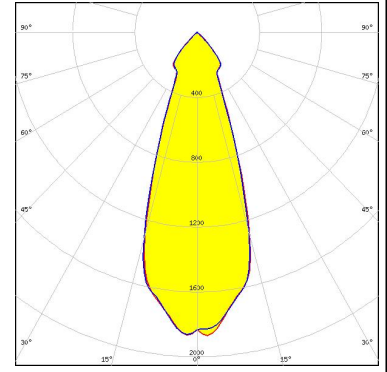
LED MK-R
 FWHM / FWTM 40.0° / 89.0°
 Efficiency 93 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



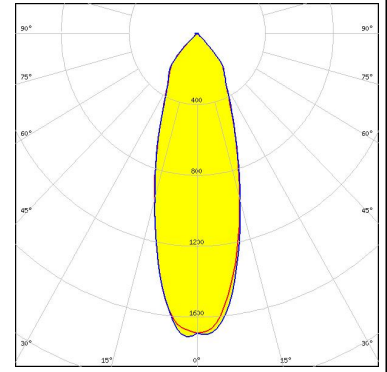
LED XHP50.3 HD
 FWHM / FWTM 30.0° / 79.0°
 Efficiency 94 %
 Peak intensity 2.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XHP70.3
 FWHM / FWTM 36.0° / 84.0°
 Efficiency 94 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



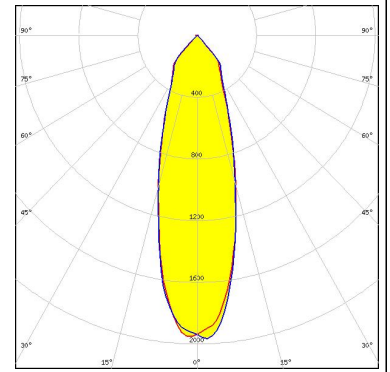
LED XP-G3
 FWHM / FWTM 34.0° / 85.0°
 Efficiency 90 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):



LED	XT-E
FWHM / FWTM	30.0° / 83.0°
Efficiency	90 %
Peak intensity	2 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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