

MINNIE-XW

~90° extra wide beam optimized for LUXEON M/MX. Assembly with holder and installation tape.

SPECIFICATION:

Dimensions	Ø 35.0
Height	15.8 mm
Fastening	tape
ROHS compliant	yes ⓘ

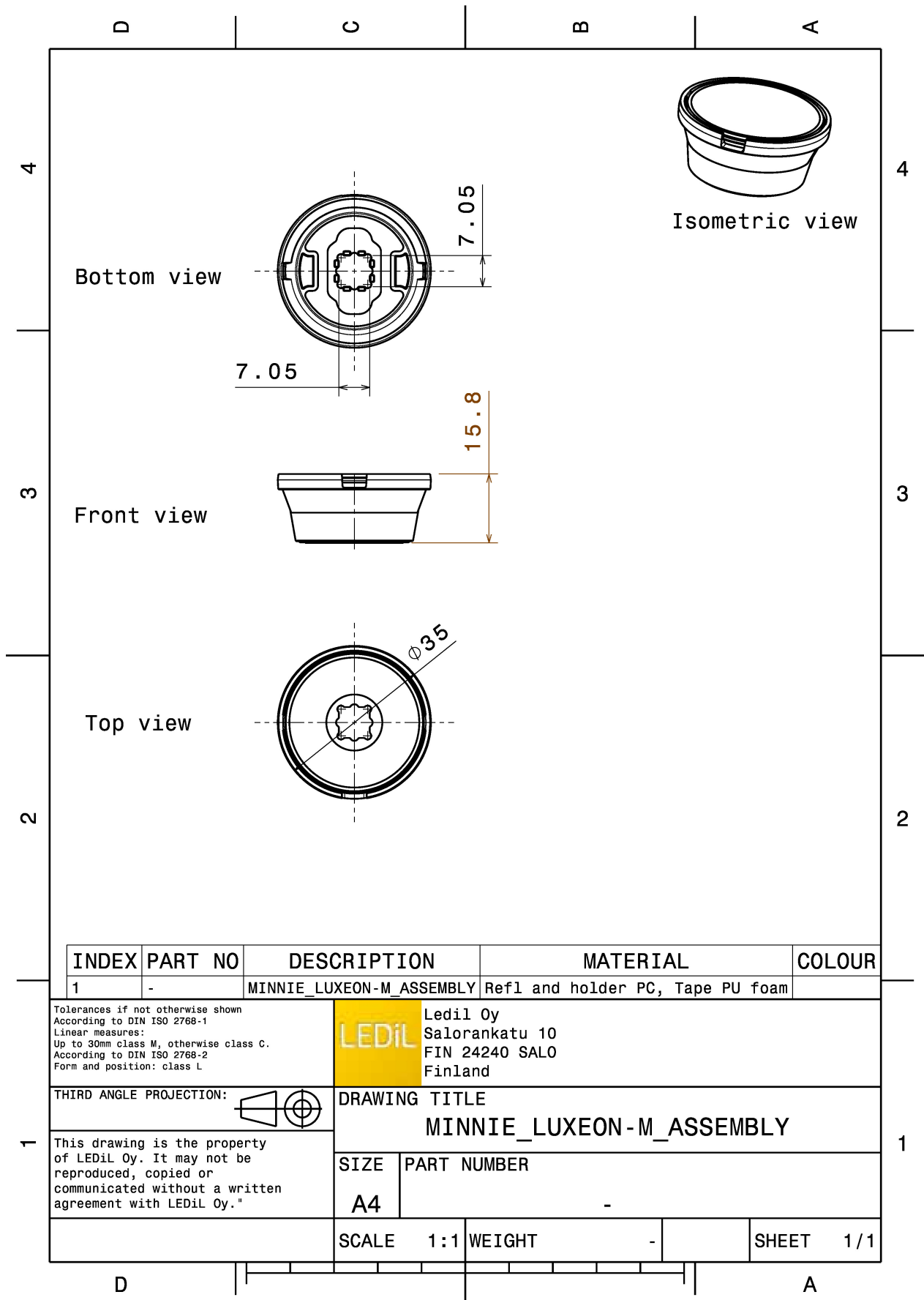



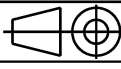
MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
MINNIE-XW	Reflector	HRPC	white		
MINNIE-HLD-M	Holder	PC	black		
SPUTNIK-TAPE	Tape	Acrylic foam	black		

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA13892_MINNIE-XW » Box size: 476 x 273 x 292 mm	840	120	60	6.4



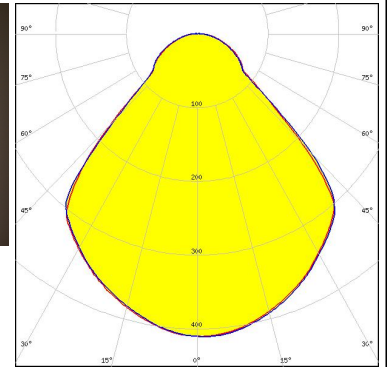
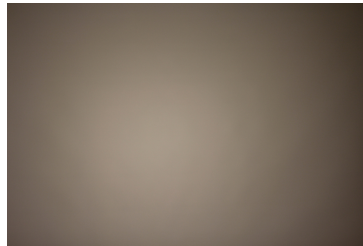
INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR	
1	-	MINNIE_LUXEON-M_ASSEMBLY	Ref1 and holder PC, Tape PU foam		
<small>Tolerances if not otherwise shown According to DIN ISO 2768-1 Linear measures: Up to 30mm class M, otherwise class C. According to DIN ISO 2768-2 Form and position: class L</small>		 Ledil Oy Salorankatu 10 FIN 24240 SALO Finland			
THIRD ANGLE PROJECTION: 			DRAWING TITLE MINNIE_LUXEON-M_ASSEMBLY		
This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.		SIZE A4	PART NUMBER -		
		SCALE 1:1	WEIGHT -	SHEET 1/1	

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

OPTICAL RESULTS (MEASURED):



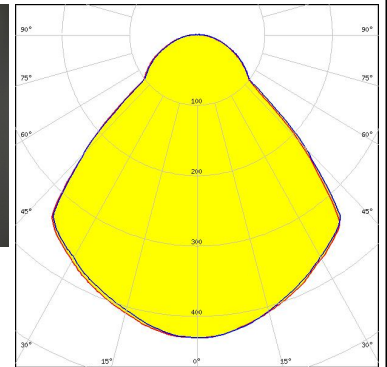
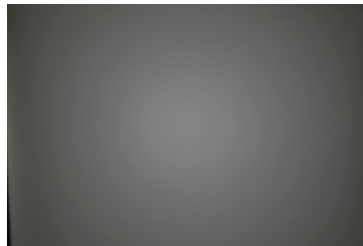
LED MHD-E/G
 FWHM / FWTM 89.0° / 140.0°
 Efficiency 83 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



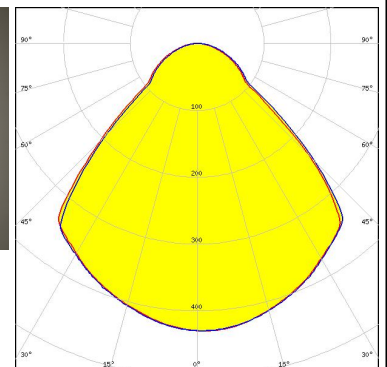
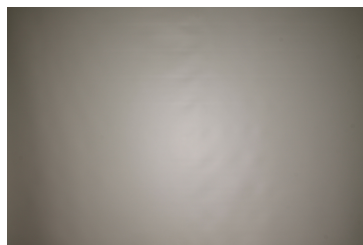
LED XHP70
 FWHM / FWTM 91.0° / 144.0°
 Efficiency 93 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XHP70.2
 FWHM / FWTM 90.0° / 139.0°
 Efficiency 89 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



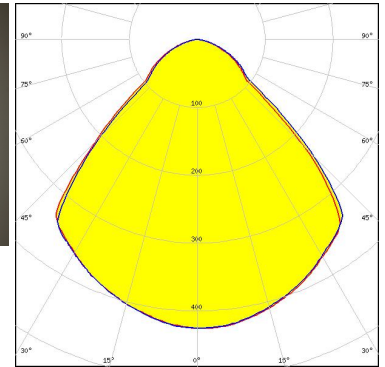
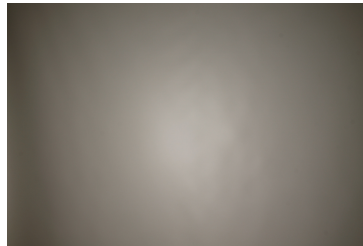
Light distribution files

OPTICAL RESULTS (MEASURED):



LED XHP70.2
 FWHM / FWTM 90.0° / 135.0°
 Efficiency 87 %
 Peak intensity 0.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

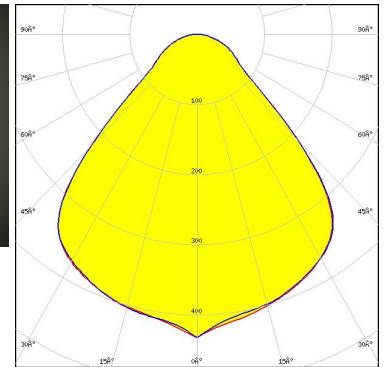
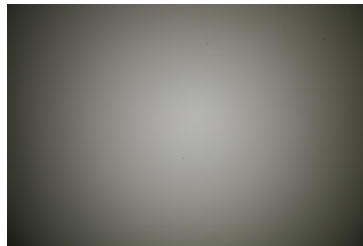
Protective plate, glass



Light distribution files



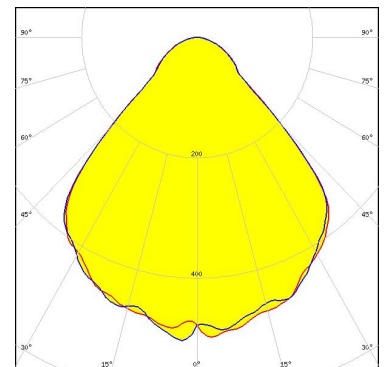
LED LUXEON M/MX
 FWHM / FWTM 90.0° / 133.0°
 Efficiency 92 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED OSCONIQ P 7070
 FWHM / FWTM 130.0° / 94.0°
 Efficiency %
 LEDs/each optic 1
 Light colour/type White
 Required components:

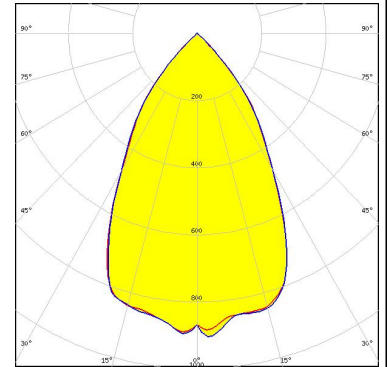


Light distribution files

OPTICAL RESULTS (SIMULATED):



LED	LUXEON 7070
FWHM / FWTM	62.0° / 91.0°
Efficiency	91 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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