

## MINNIE-M

~25° medium beam optimized for LUXEON M/MX. Assembly with holder and installation tape.

### SPECIFICATION:

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

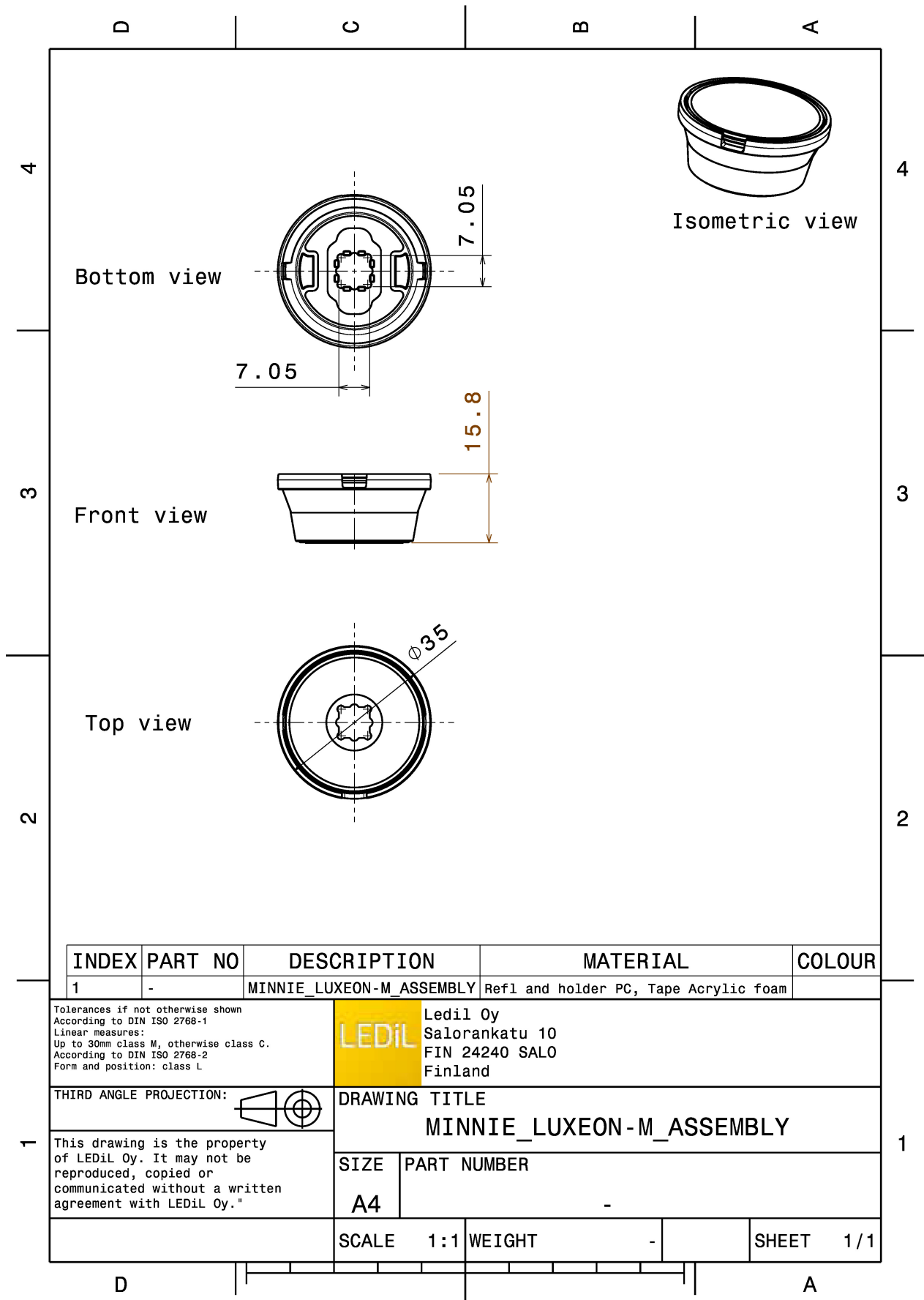
### MATERIALS:


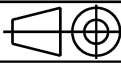
Component	Type	Material	Colour	Finish	Length
MINNIE-M	Reflector	PC	metal		32.4
MINNIE-HLD-M	Holder	PC	black		35.0
SPUTNIK-TAPE	Tape	Acrylic foam	black		25.0

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA12881_MINNIE-M » Box size: 480 x 280 x 300 mm	840	120	60	6.0





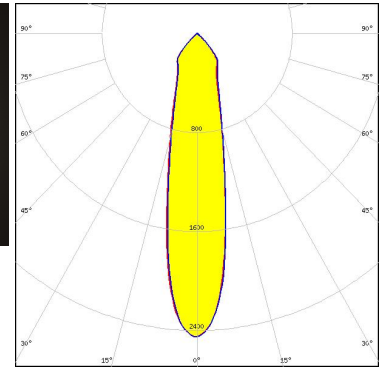
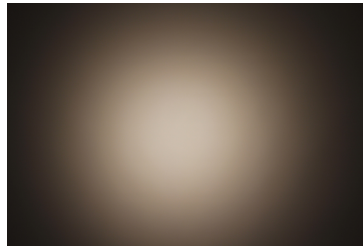
INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	-	MINNIE_LUXEON-M_ASSEMBLY	Ref1 and holder PC, Tape Acrylic foam	
<small>Tolerances if not otherwise shown According to DIN ISO 2768-1 Linear measures: Up to 30mm class M, otherwise class C. According to DIN ISO 2768-2 Form and position: class L</small>		 Ledil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

See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):



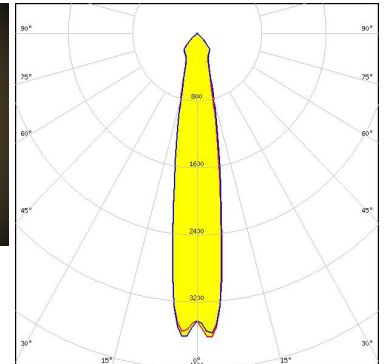
**LED** MHD-E/G  
**FWHM / FWTM** 23.0° / 80.0°  
**Efficiency** 92 %  
**Peak intensity** 2.5 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**



Light distribution files



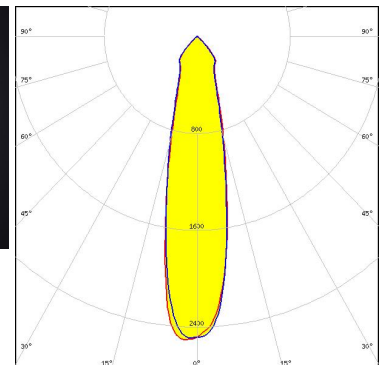
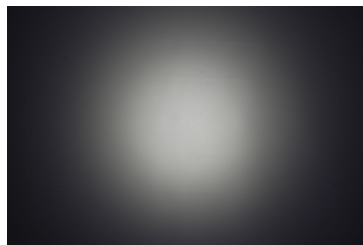
**LED** MK-R  
**FWHM / FWTM** 18.0° / 45.0°  
**Efficiency** 89 %  
**Peak intensity** 3.6 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**



Light distribution files



**LED** XHP70  
**FWHM / FWTM** 23.0° / 76.0°  
**Efficiency** 88 %  
**Peak intensity** 2.5 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**

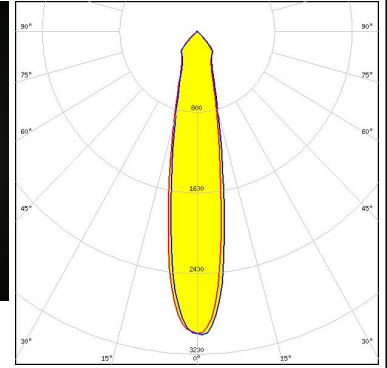


Light distribution files

### OPTICAL RESULTS (MEASURED):



LED LUXEON M/MX  
FWHM / FWTM 21.0° / 60.0°  
Efficiency 90 %  
Peak intensity 3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

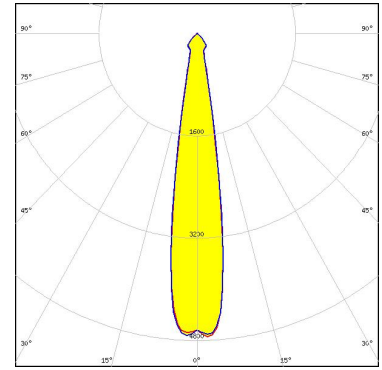


Light distribution files

### OPTICAL RESULTS (SIMULATED):



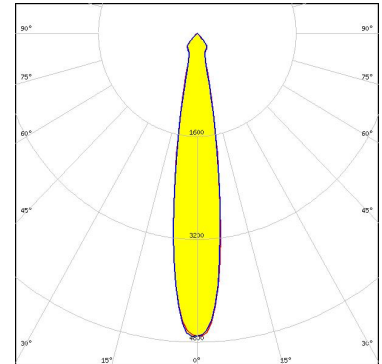
LED XHP70.3 HD  
FWHM / FWTM 18.0° / 33.0 + 34.0°  
Efficiency 88 %  
Peak intensity 4.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED OSCONIQ P 7070  
FWHM / FWTM 18.0° / 36.0°  
Efficiency 92 %  
Peak intensity 1 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:

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#### LEDiL Oy

Joensuunkatu 13  
FI-24240 SALO  
Finland

#### LEDiL Inc.

228 West Page Street  
Suite D  
Sycamore IL 60178  
USA

#### Ledil Optics Technology (Shenzhen) Co., Ltd.

# 405 , Block B  
Casic Motor Building  
Shenzhen 518057  
P.R.CHINA

#### Local sales and technical support

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