

## MINNIE-M

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

### TECHNICAL SPECIFICATIONS:

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

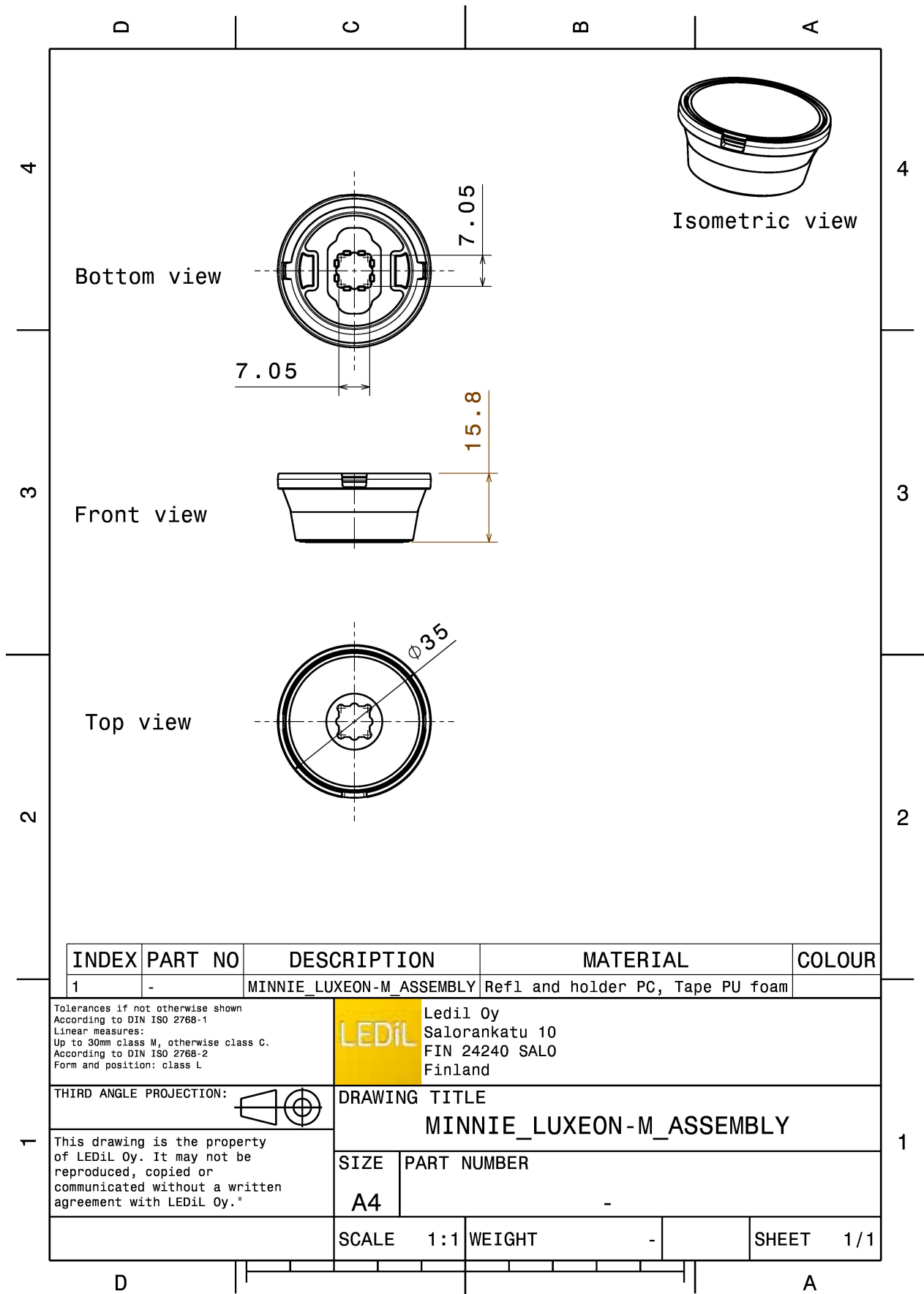
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
MINNIE-M	Reflector	PC	metal	
MINNIE-HLD-M	Holder	PC	black	
SPUTNIK-TAPE	Tape	PU tape	black	



### ORDERING INFORMATION:

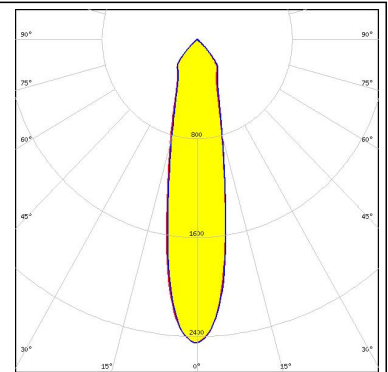
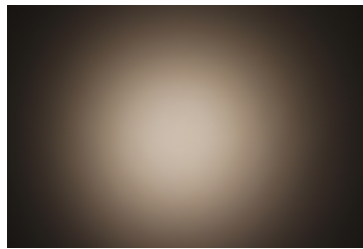
Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA12881_MINNIE-M	Reflector	840	120	60	6.0
» Box size: 480 x 280 x 300 mm					



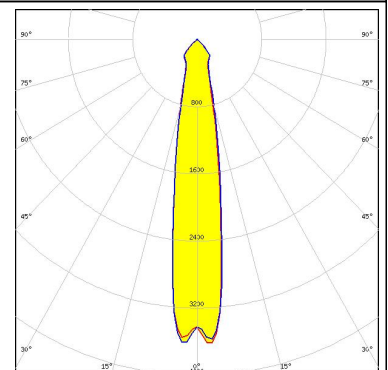
### PHOTOMETRIC DATA (MEASURED):



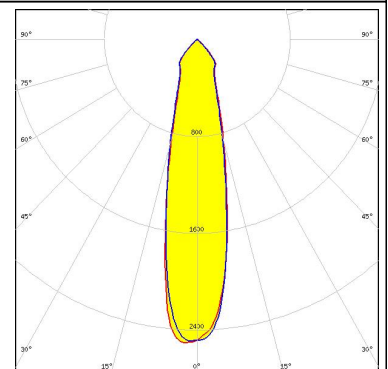
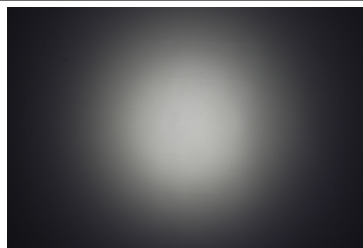
LED MHD-E/G  
FWHM 23.0°  
Efficiency 92 %  
Peak intensity 2.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



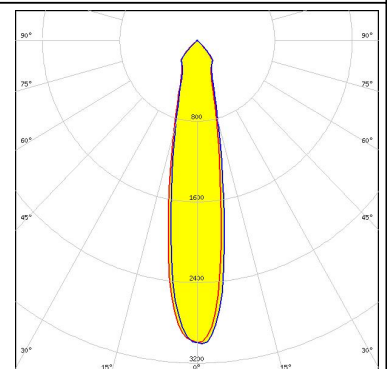
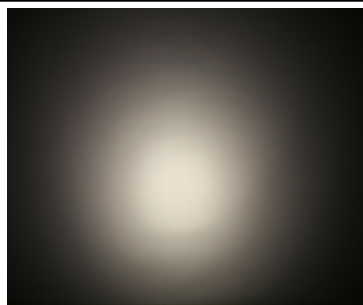
LED MK-R  
FWHM 18.0°  
Efficiency 89 %  
Peak intensity 3.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



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



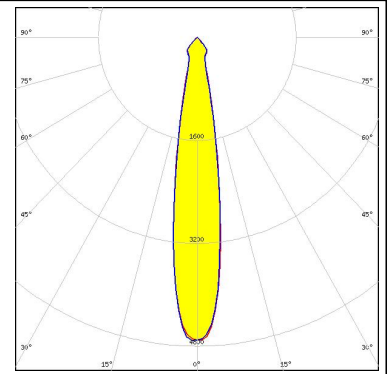
LED LUXEON M/MX  
FWHM 21.0°  
Efficiency 90 %  
Peak intensity 3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### PHOTOMETRIC DATA (SIMULATED):

**OSRAM**  
Opto Semiconductors

LED	OSCONIQ P 7070
FWHM	18.0°
Efficiency	92 %
Peak intensity	1 cd/m
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:

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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