

## MINNIE-XW

~90° extra wide 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 ⓘ

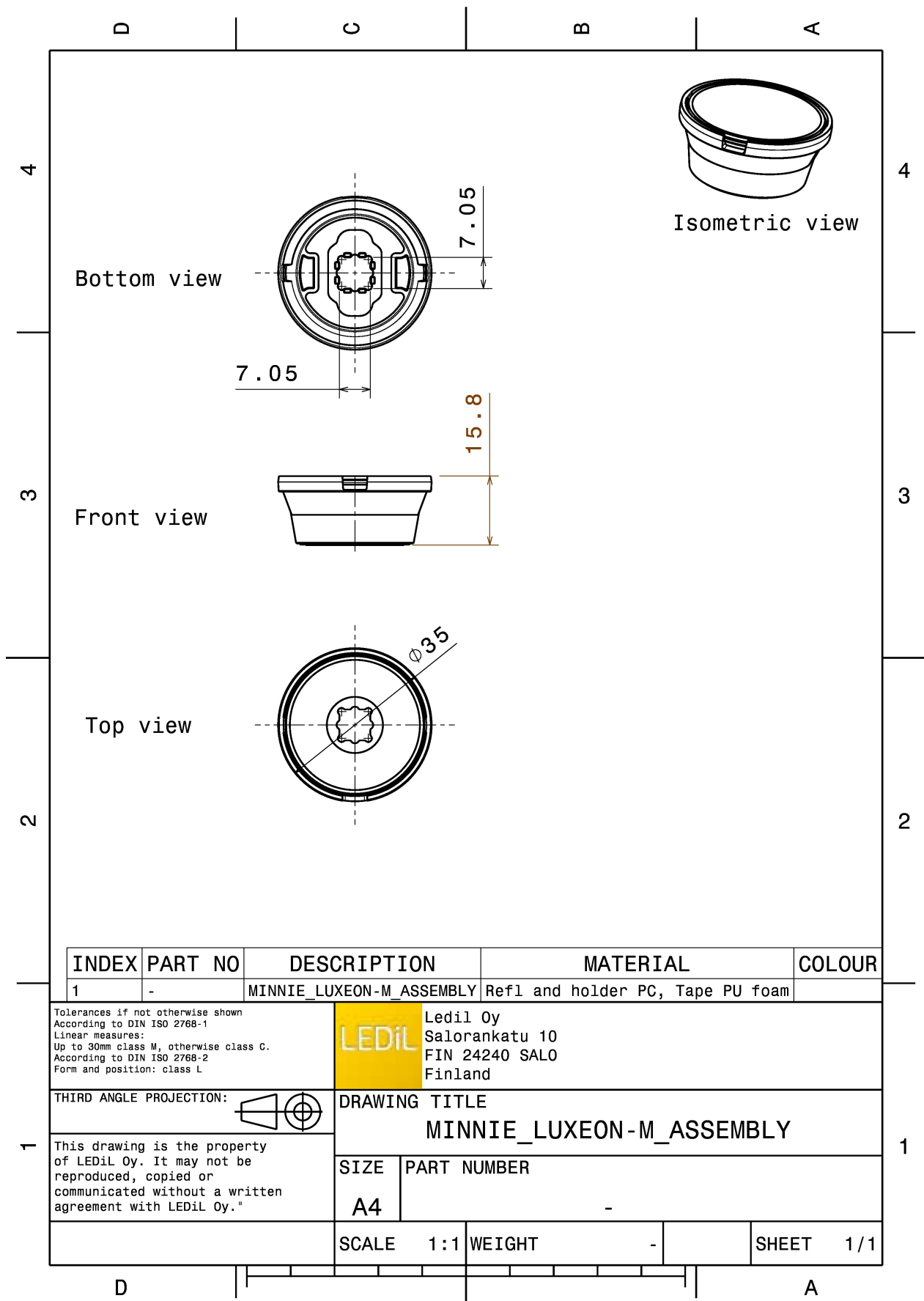


## MATERIALS:

Component	Type	Material	Colour	Finish
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	Reflector	840	120	60	6.4
» Box size: 476 x 273 x 292 mm					

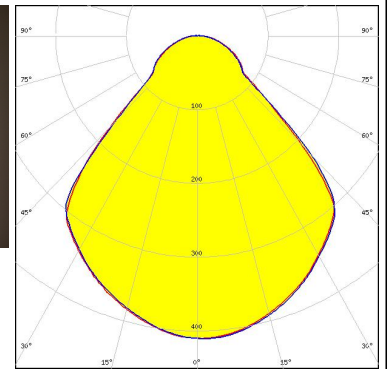
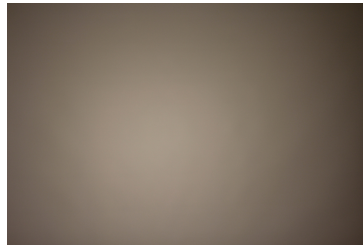


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

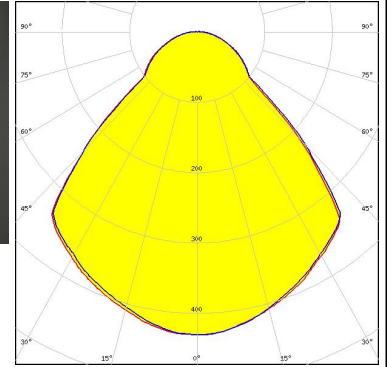
#### OPTICAL RESULTS (MEASURED):



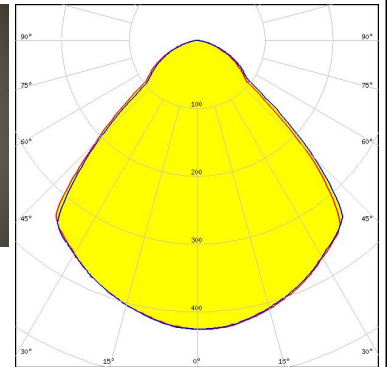
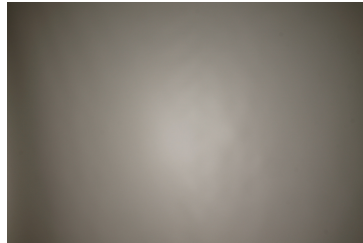
LED MHD-E/G  
FWHM / FWTM 89.0° / 140.0°  
Efficiency 83 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



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



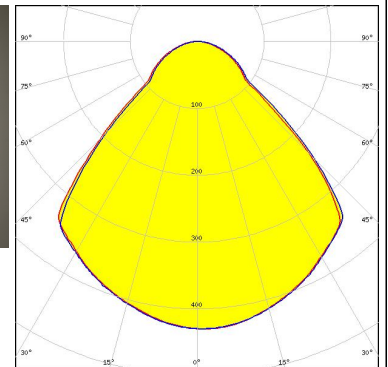
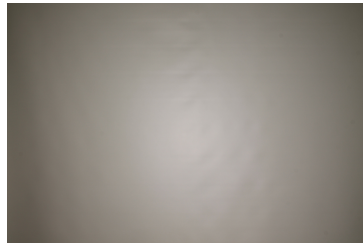
LED XHP70.2  
FWHM / FWTM 90.0° / 135.0°  
Efficiency 87 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



Protective plate, glass



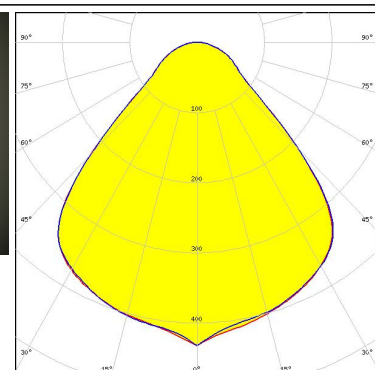
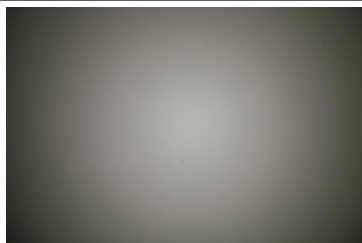
LED XHP70.2  
FWHM / FWTM 90.0° / 139.0°  
Efficiency 89 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



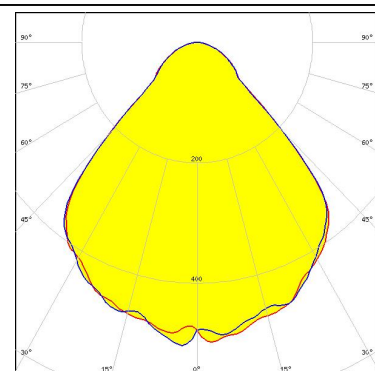
### OPTICAL RESULTS (MEASURED):



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



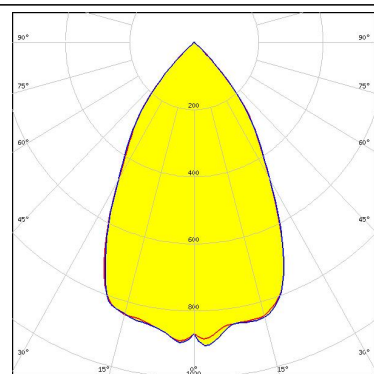
LED OSCONIQ P 7070  
FWHM / FWTM 130.0° / 94.0°  
Efficiency %  
LEDs/each optic 1  
Light colour White  
Required components:



## 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	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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