

## 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 ⓘ

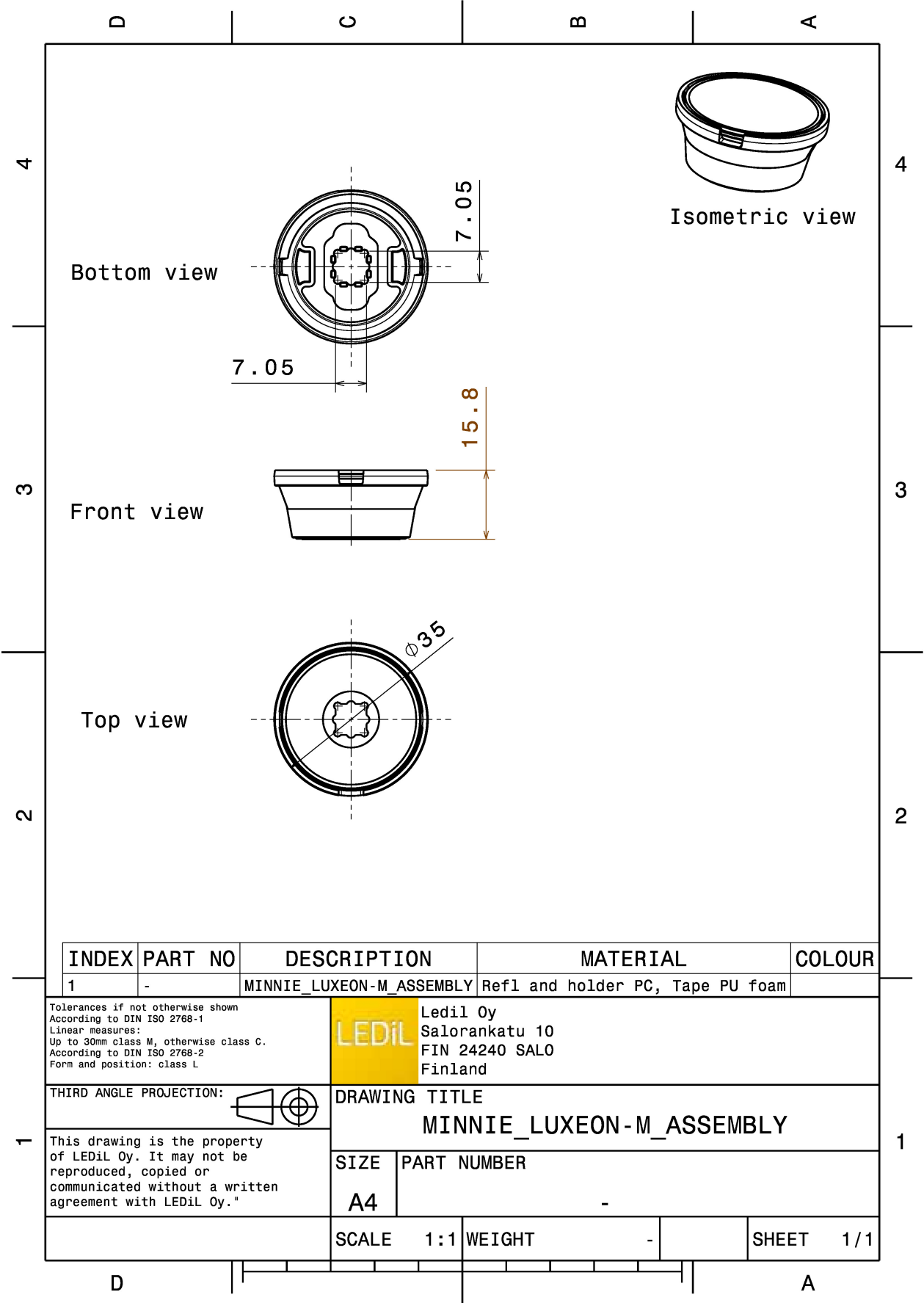


## MATERIALS:

Component	Type	Material	Colour	Finish	Length
MINNIE-XW	Reflector	HRPC	white		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)
CA13892_MINNIE-XW » Box size: 476 x 273 x 292 mm	840	120	60	6.4

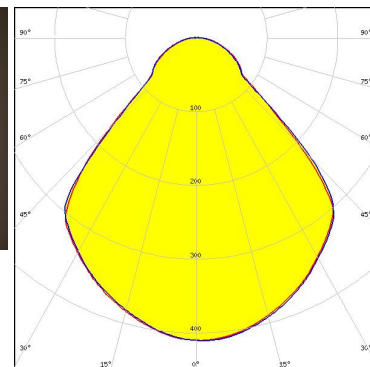
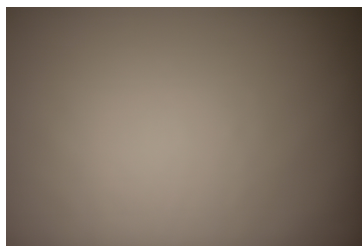


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):



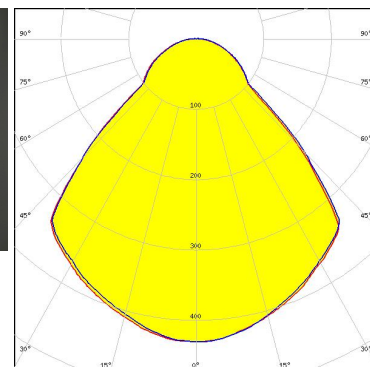
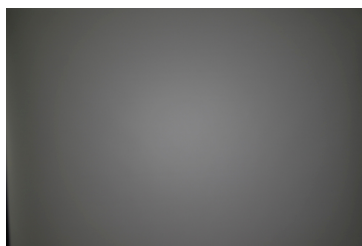
LED MHD-E/G  
FWHM / FWTM 89.0° / 140.0°  
Efficiency 83 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



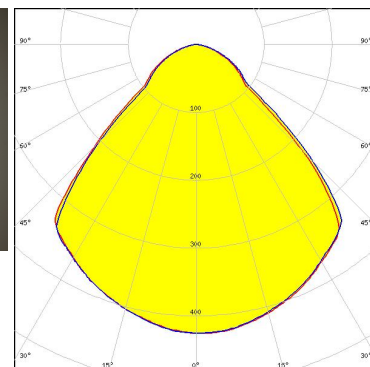
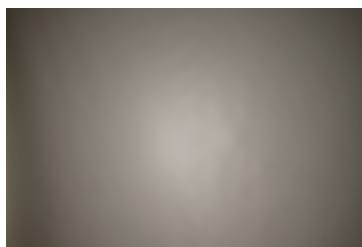
LED XHP70  
FWHM / FWTM 91.0° / 144.0°  
Efficiency 93 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



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



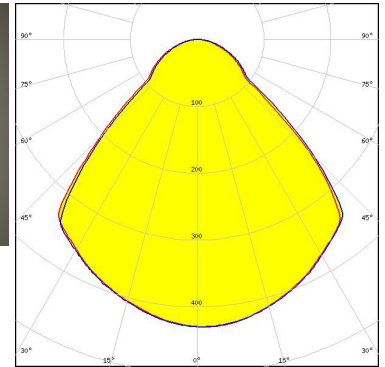
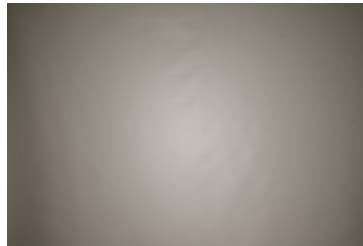
Protective plate, glass

Light distribution files

#### OPTICAL RESULTS (MEASURED):



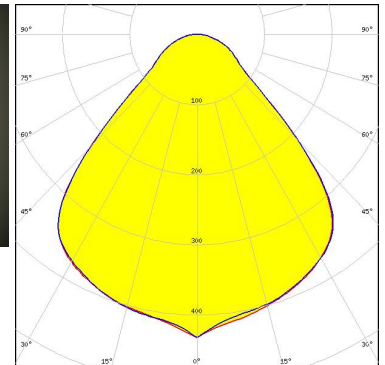
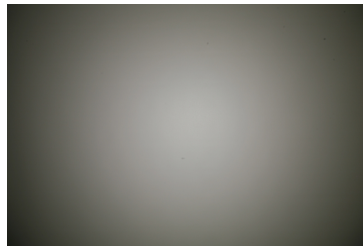
LED XHP70.2  
FWHM / FWTM 90.0° / 139.0°  
Efficiency 89 %  
Peak intensity 0.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



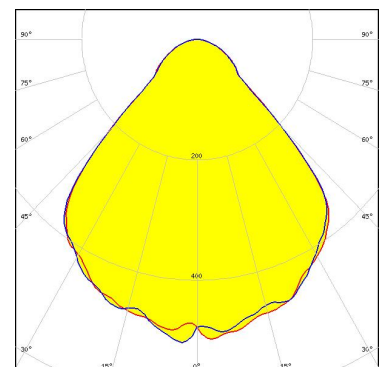
LED LUXEON M/MX  
FWHM / FWTM 90.0° / 133.0°  
Efficiency 92 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



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

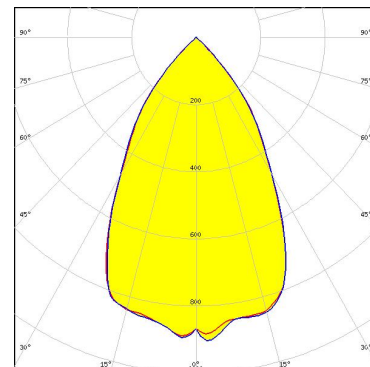


Light distribution files

## 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:

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