

## MINNIE-WWW

~70° wide beam

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 32.4 mm
Height	14.8 mm
Fastening	glue
ROHS compliant	yes ⓘ

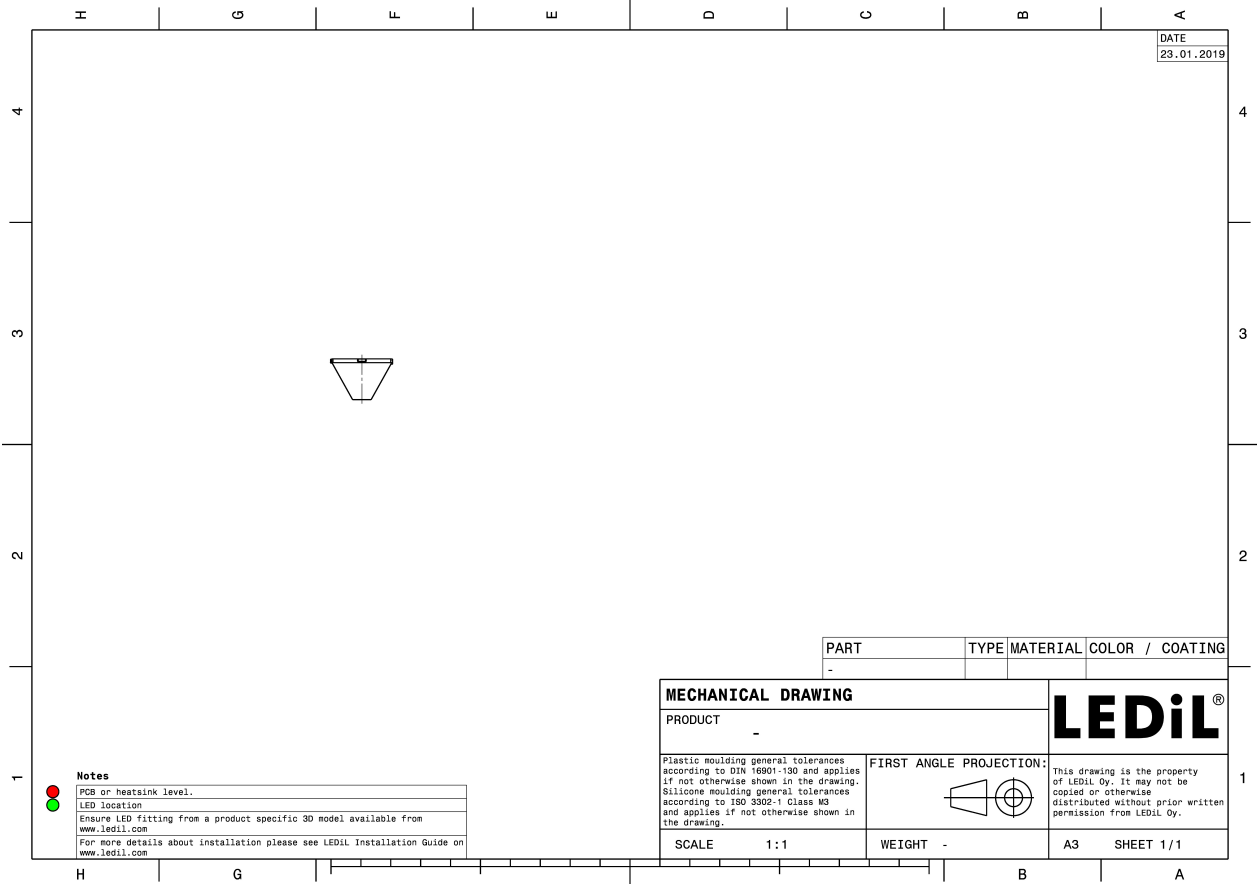
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish	Coating
MINNIE-WWW	Reflector	PC	metal		lacquer



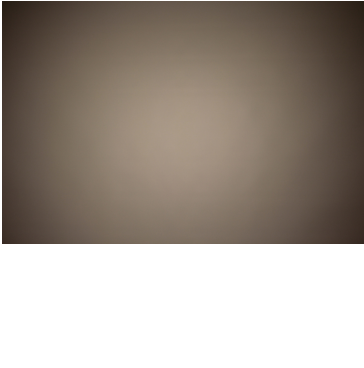
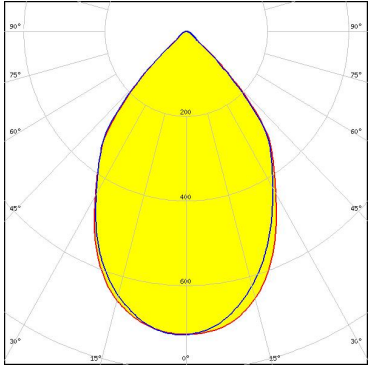

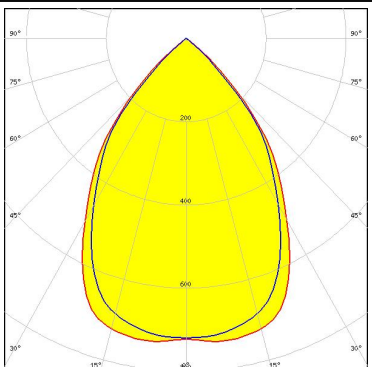
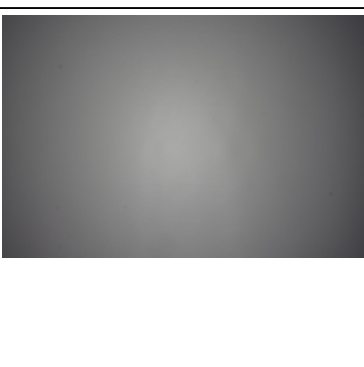
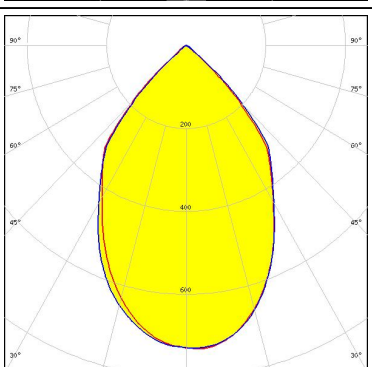
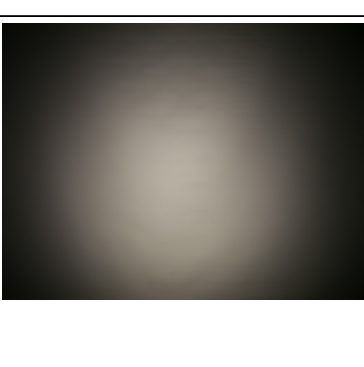
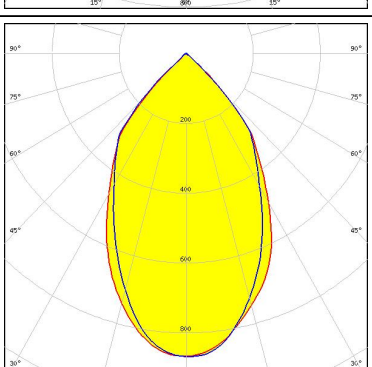
### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C12097_MINNIE-WWW » Box size: 480 x 280 x 300 mm	1080	120	60	3.9



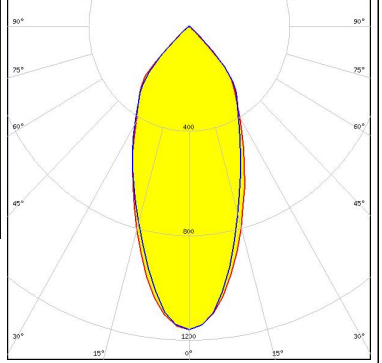


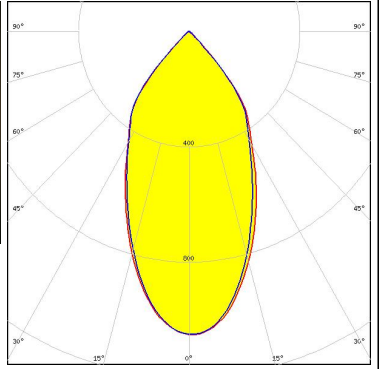


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### PHOTOMETRIC DATA (MEASURED):

<p><b>CREE</b> ⇄ <b>LED</b></p> <p>LED MHD-E/G            FWHM / FWTM 72.0° / 98.0°            Efficiency 90 %            Peak intensity 0.7 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>CREE</b> ⇄ <b>LED</b></p> <p>LED MT-G            FWHM / FWTM 74.0° / 102.0°            Efficiency 90 %            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>CREE</b> ⇄ <b>LED</b></p> <p>LED XHP70            FWHM / FWTM 71.0° / 98.0°            Efficiency 90 %            Peak intensity 0.7 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>LUMILEDS</b></p> <p>LED LUXEON M/MX            FWHM / FWTM 63.0° / 95.0°            Efficiency 92 %            Peak intensity 0.9 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		

### PHOTOMETRIC DATA (MEASURED):

<p> <b>LUMILEDS</b></p> <p>LED LUXEON MZ FWHM / FWTM 46.0° / 93.0° Efficiency 89 % Peak intensity 1.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p> <b>NICHIA</b></p> <p>LED NSMx286M FWHM / FWTM 52.0° / 90.0° Efficiency 90 % Peak intensity 1.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		

### PHOTOMETRIC DATA (SIMULATED):

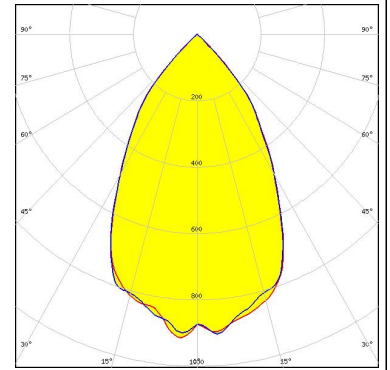
#### LUMILEDS

LED LUXEON 5258  
FWHM / FWTM 54.0° / 89.0°  
Efficiency 92 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

#### OSRAM

Opto Semiconductors

LED OSCONIQ P 7070  
FWHM / FWTM 61.0° / 92.0°  
Efficiency 92 %  
Peak intensity 1 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:

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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