

## MINNIE-M

~25° medium beam

### TECHNICAL SPECIFICATIONS:

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

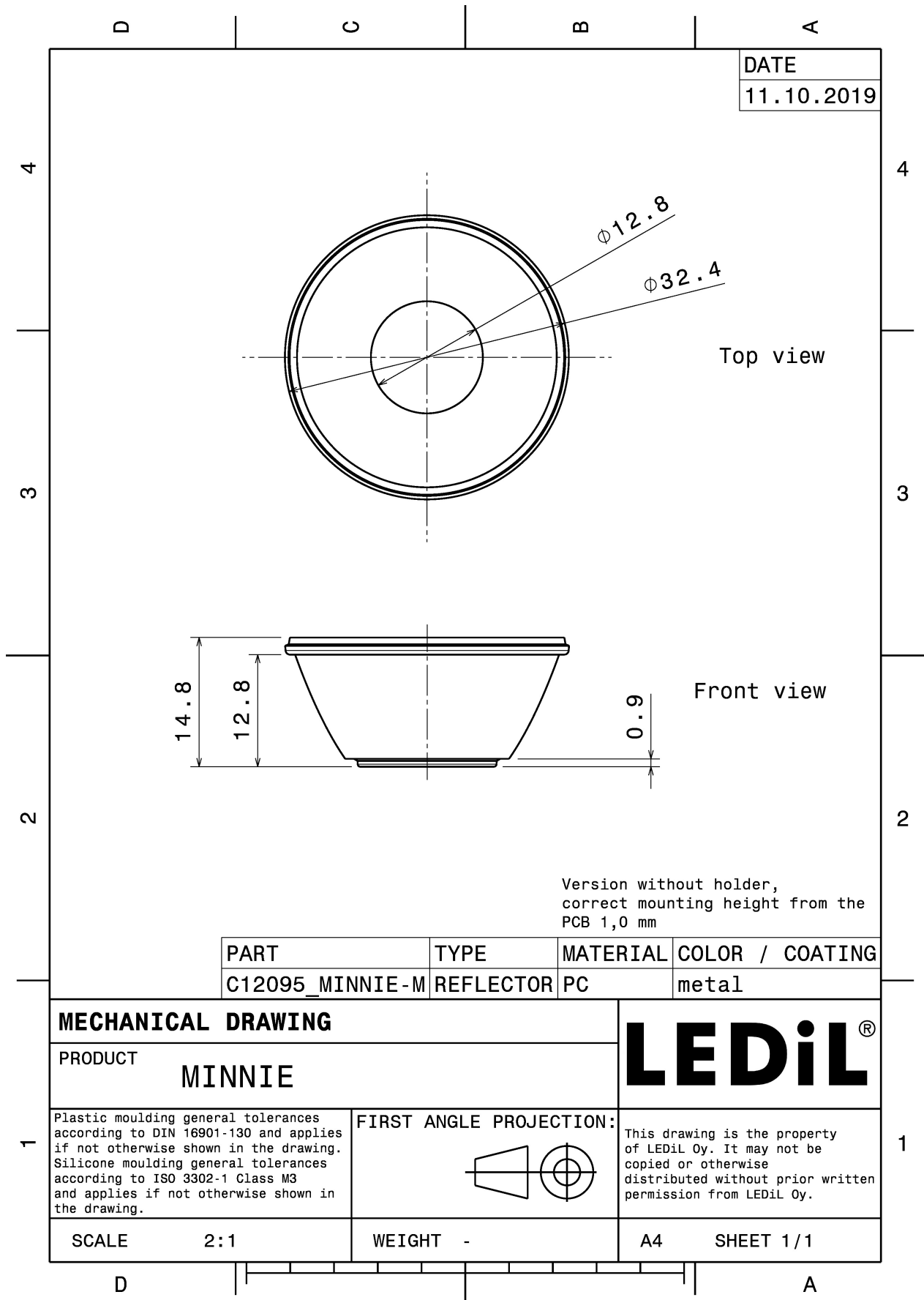
### MATERIAL SPECIFICATIONS:

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



### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C12095_MINNIE-M » Box size: 480 x 280 x 300 mm	1080	120	60	4.4

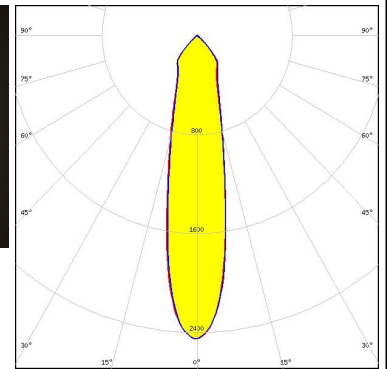
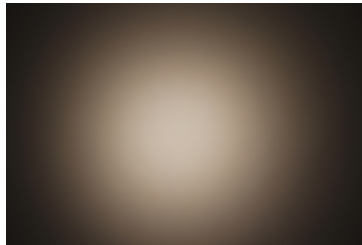


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### PHOTOMETRIC DATA (MEASURED):

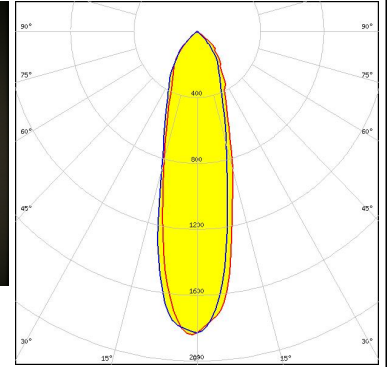
#### CREE LED

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



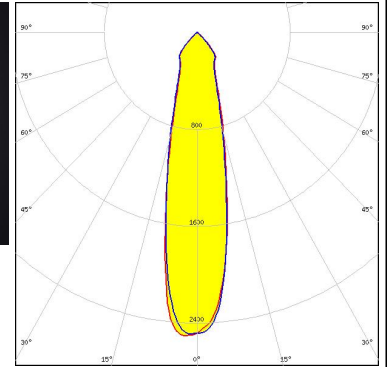
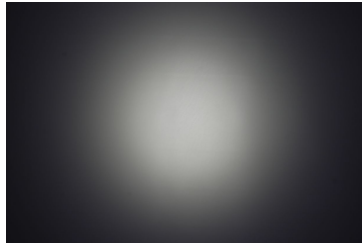
#### CREE LED

LED MT-G  
 FWHM / FWTM 26.0° / 84.0°  
 Efficiency 92 %  
 LEDs/each optic 1  
 Light colour White  
 Required components:



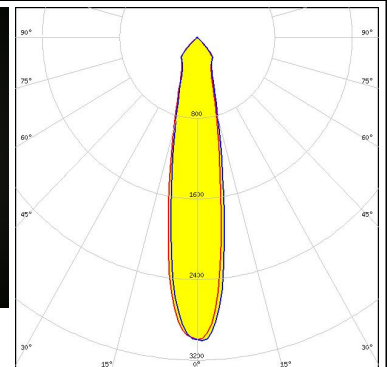
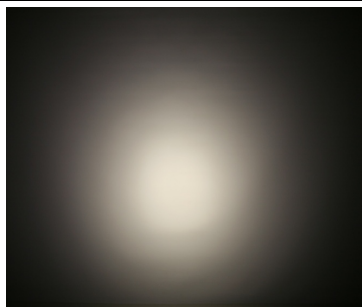
#### CREE LED

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

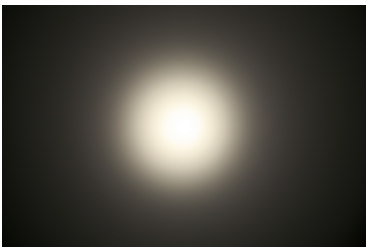
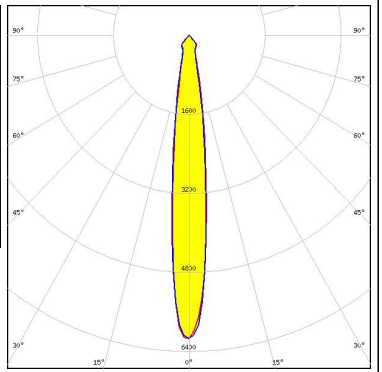
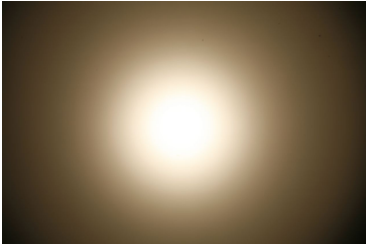
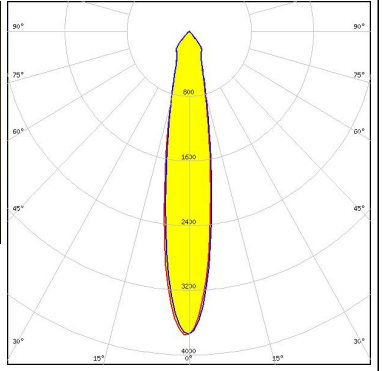
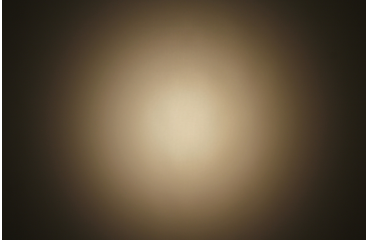
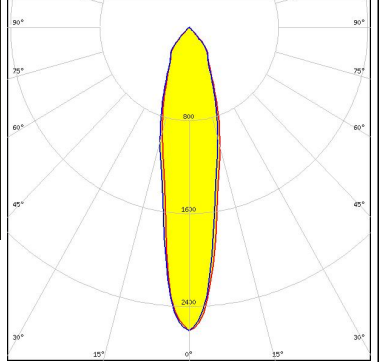


#### LUMILEDS

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



### PHOTOMETRIC DATA (MEASURED):

<p><b>LUMILEDS</b></p> <p>LED LUXEON MZ</p> <p>FWHM / FWTM 14.0° / 32.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 6.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p><b>NICHIA</b></p> <p>LED NSMx286M</p> <p>FWHM / FWTM 18.0° / 50.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 3.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED Duris S10</p> <p>FWHM / FWTM 21.0° / 71.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 3.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

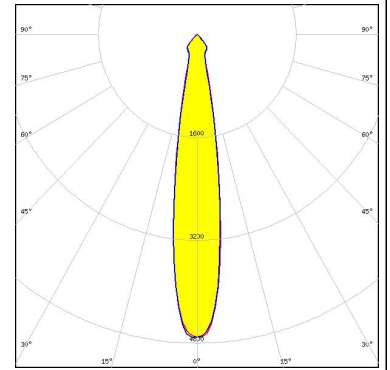
### PHOTOMETRIC DATA (SIMULATED):

#### LUMILEDS

LED LUXEON 5258  
FWHM / FWTM 12.0° / 24.0°  
Efficiency 92 %  
Peak intensity 9.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

#### OSRAM Opto Semiconductors

LED OSCONIQ P 7070  
FWHM / FWTM 18.0° / 36.0°  
Efficiency 92 %  
Peak intensity 4.8 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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