

## ROSE-MRK-BW

~70° batwing beam. Assembly with white holder.

### SPECIFICATION:

Dimensions	21.6 x 21.6 mm
Height	13 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

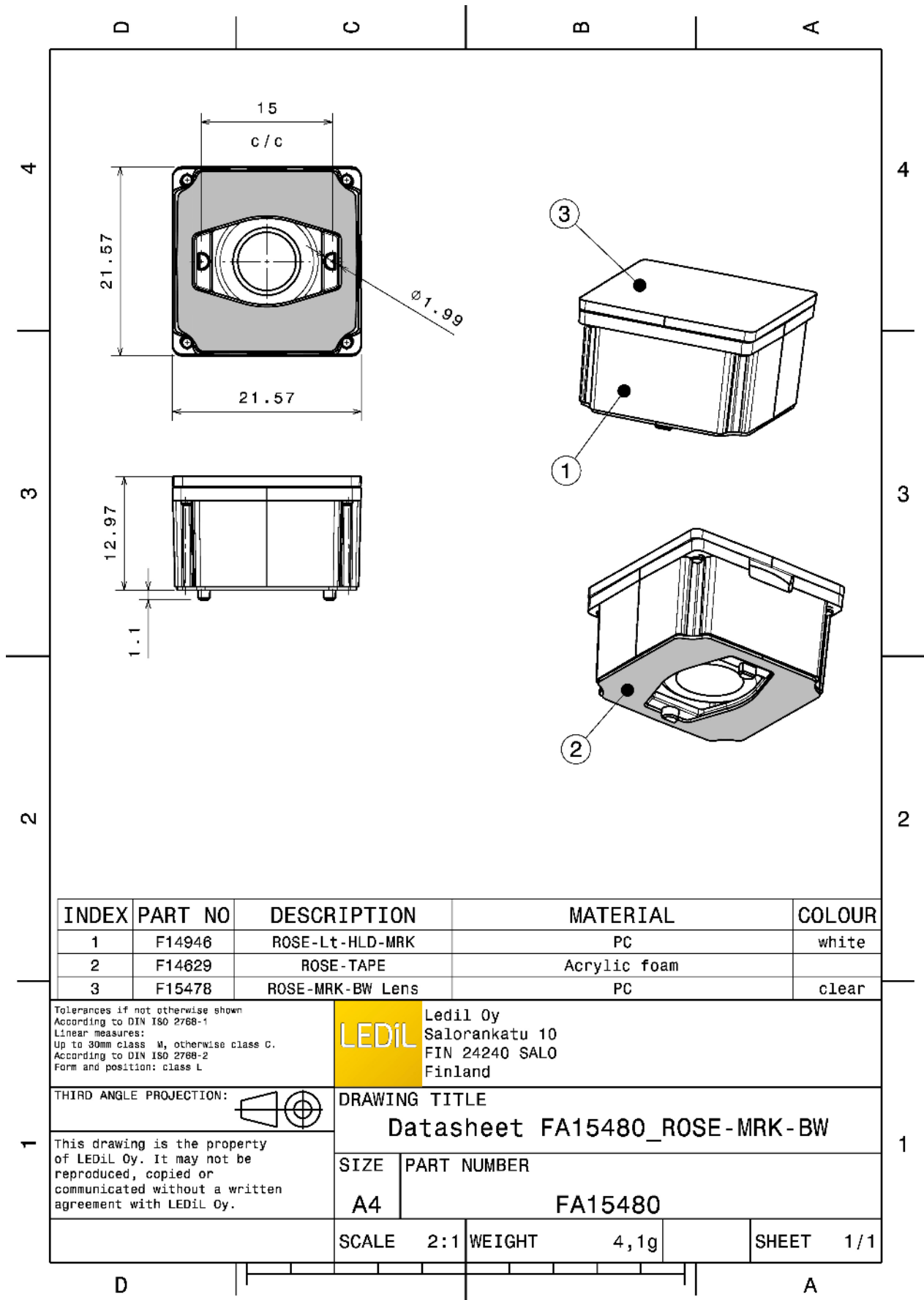
### MATERIALS:

Component	Type	Material	Colour	Finish
ROSE-MRK-BW	Single lens	PC	clear	
ROSE-MRK-LT-HLD	Holder	PC	white	
ROSE-TAPE	Tape	Acrylic foam	black	

### ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
FA15480_ROSE-MRK-BW	Single lens	2304		144	10.0
» Box size: 470 x 235 x 270 mm					



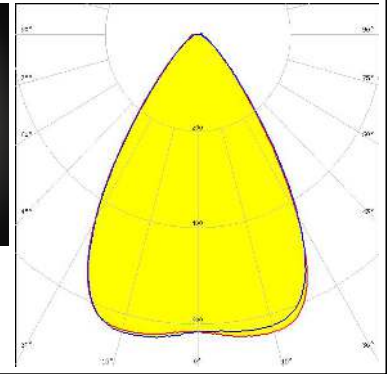
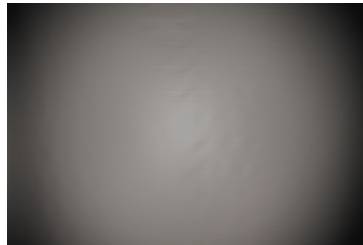


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)



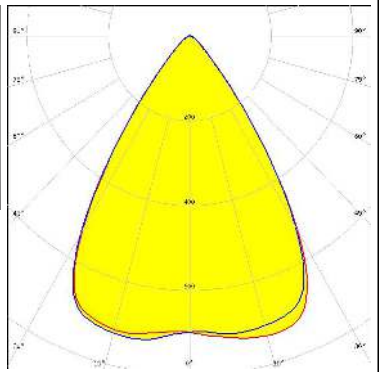

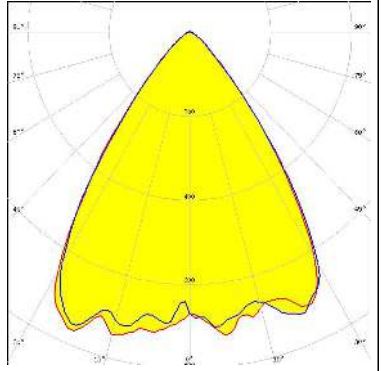

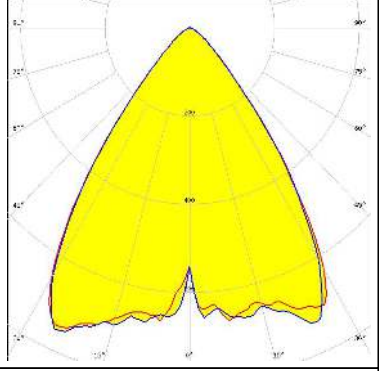

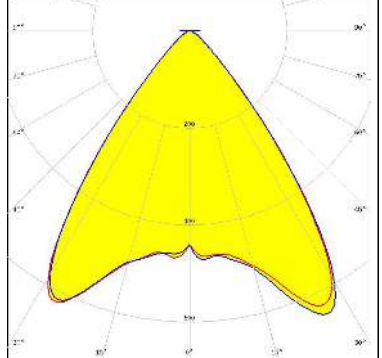
#### OPTICAL RESULTS (MEASURED):



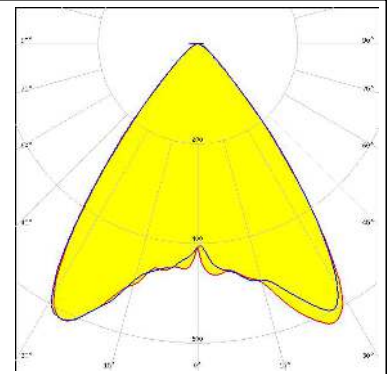
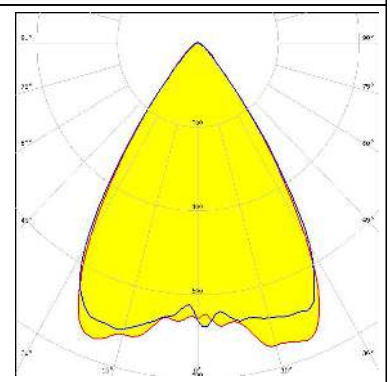
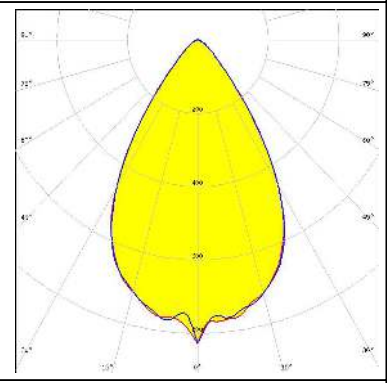
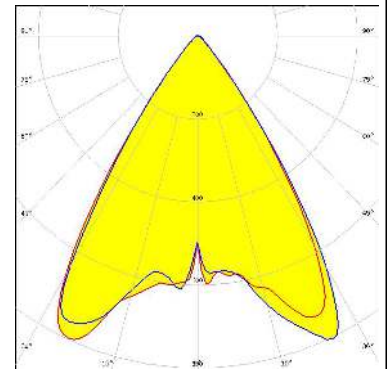
LED	LUXEON M/MX
FWHM / FWTM	68.0° / 101.0°
Efficiency	84 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



#### OPTICAL RESULTS (SIMULATED):

<p> LED</p> <p>Bridgelux SMD 5050</p> <p>FWHM / FWTM 62.0° / 86.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 0.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p> LED</p> <p>MK-R</p> <p>FWHM / FWTM 63.0° / 90.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 0.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p> LED</p> <p>XHP50</p> <p>FWHM / FWTM 63.0° / 90.0°</p> <p>Efficiency 84 %</p> <p>Peak intensity 0.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p> LED</p> <p>XP-G3</p> <p>FWHM / FWTM 74.0° / 95.0°</p> <p>Efficiency 84 %</p> <p>Peak intensity 0.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

#### OPTICAL RESULTS (SIMULATED):

<p><b>CREE</b> LED</p> <p>LED: XP-L2            FWHM / FWTM: 74.0° / 96.0°            Efficiency: 84 %            Peak intensity: 0.7 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>LUMILEDS</b></p> <p>LED: LUXEON 5050 Round LES            FWHM / FWTM: 68.0° / 88.0°            Efficiency: 87 %            Peak intensity: 0.8 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>LUMILEDS</b></p> <p>LED: LUXEON 7070            FWHM / FWTM: 63.0° / 92.0°            Efficiency: 85 %            Peak intensity: 0.8 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>SEMI</b>  <small>SEOUL SEMICONDUCTOR</small></p> <p>LED: Z5M4            FWHM / FWTM: 68.0° / 84.0°            Efficiency: 87 %            Peak intensity: 0.8 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	

### 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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