

### DAISY-7X1-M-D

~35° wide beam. Variant with diffused lenses.

#### SPECIFICATION:

Dimensions	279.5 x 39.6 mm
Height	20.3 mm
Fastening	pin, screw, clips
ROHS compliant	yes ⓘ

#### MATERIALS:

Component	Type	Material	Colour	Finish
C18143_DAISY-7X1-M-D	Linear lens	PMMA		
C18409_DAISY-7X1-SHD-MET-MATT	Shade	PC	metal	matt
C18167_DAISY-7X1-SHD-MET	Shade	PC	metal	gloss
C17225_DAISY-7X1-SHD-WHT-MATT	Shade	PC	white	matt
C17051_DAISY-7X1-SHD-MATT	Shade	PC	black	matt
C16876_DAISY-7X1-SHD-WHT	Shade	PC	white	gloss
C16872_DAISY-7X1-SHD	Shade	PC	black	gloss

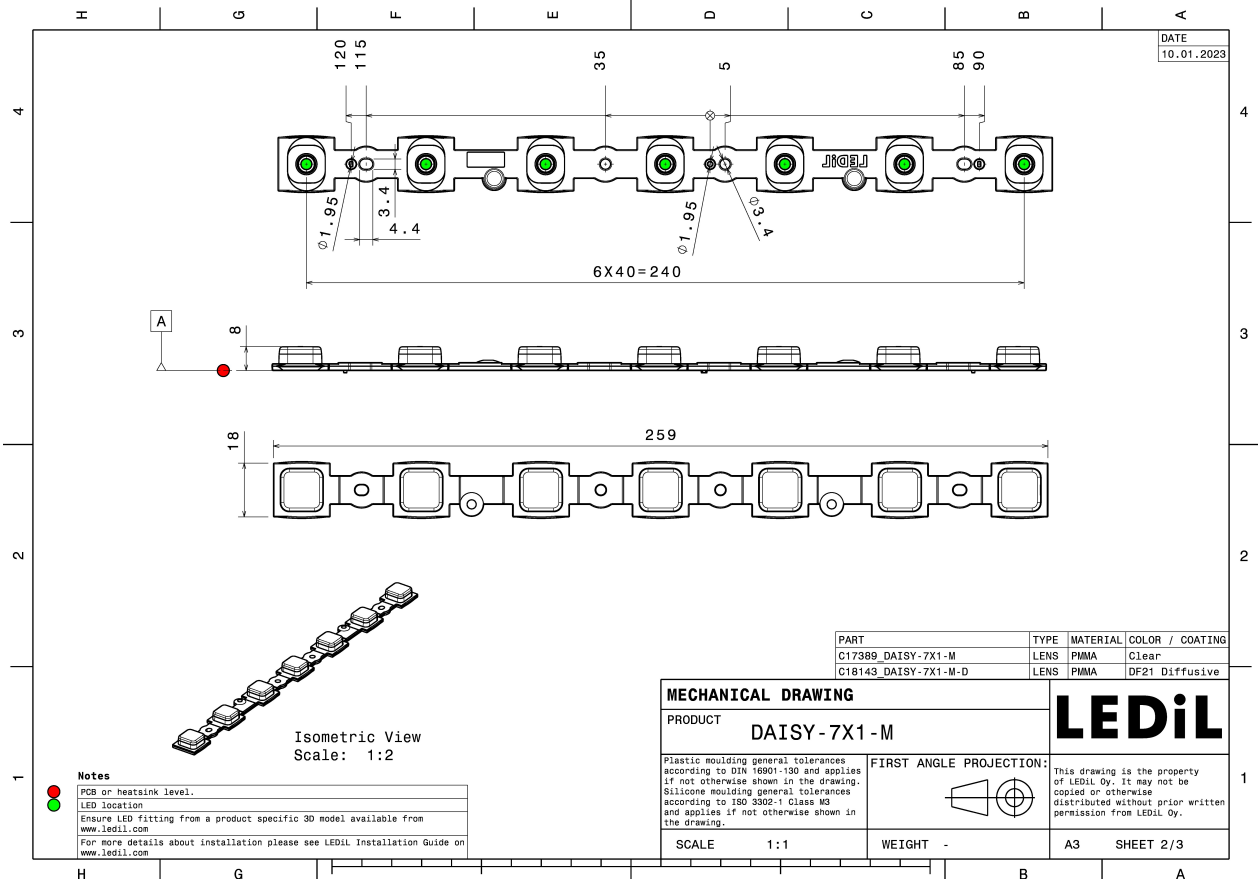
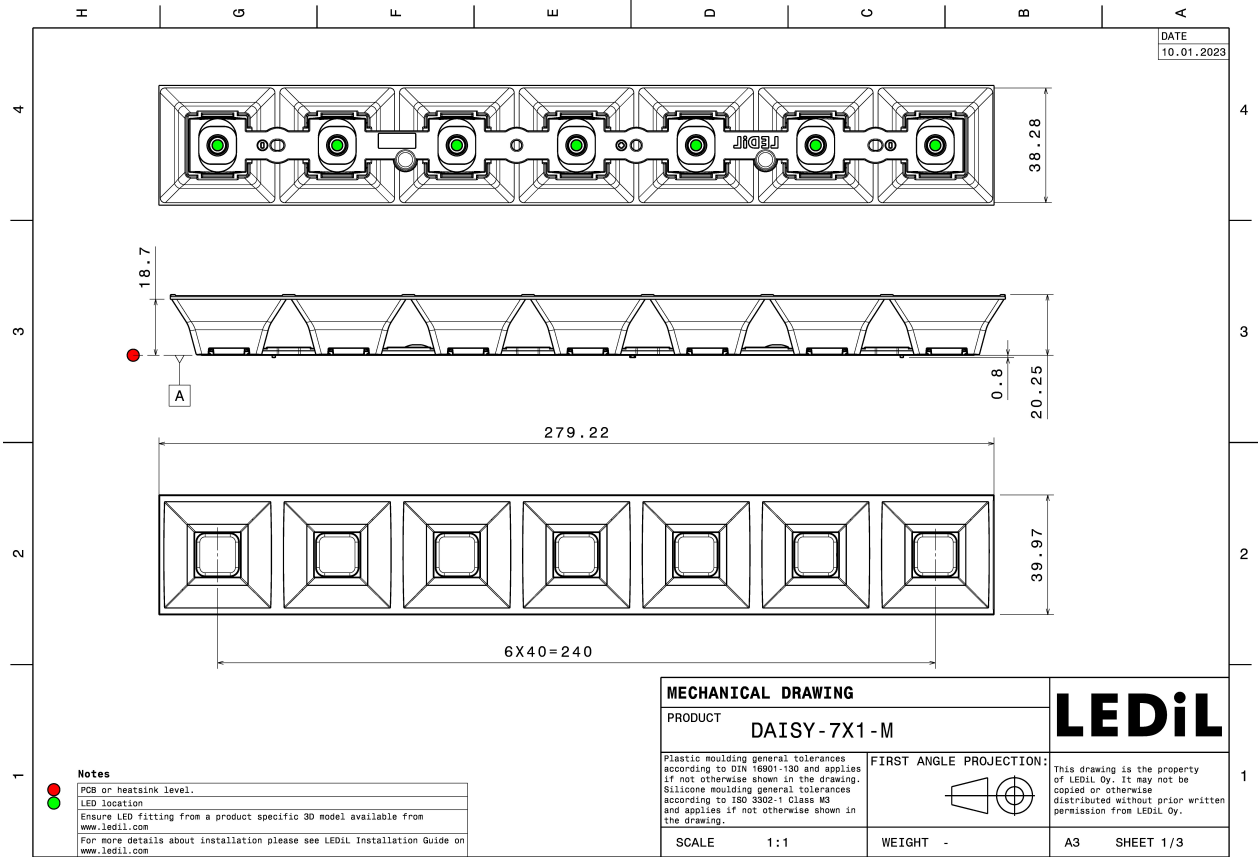
#### ORDERING INFORMATION:

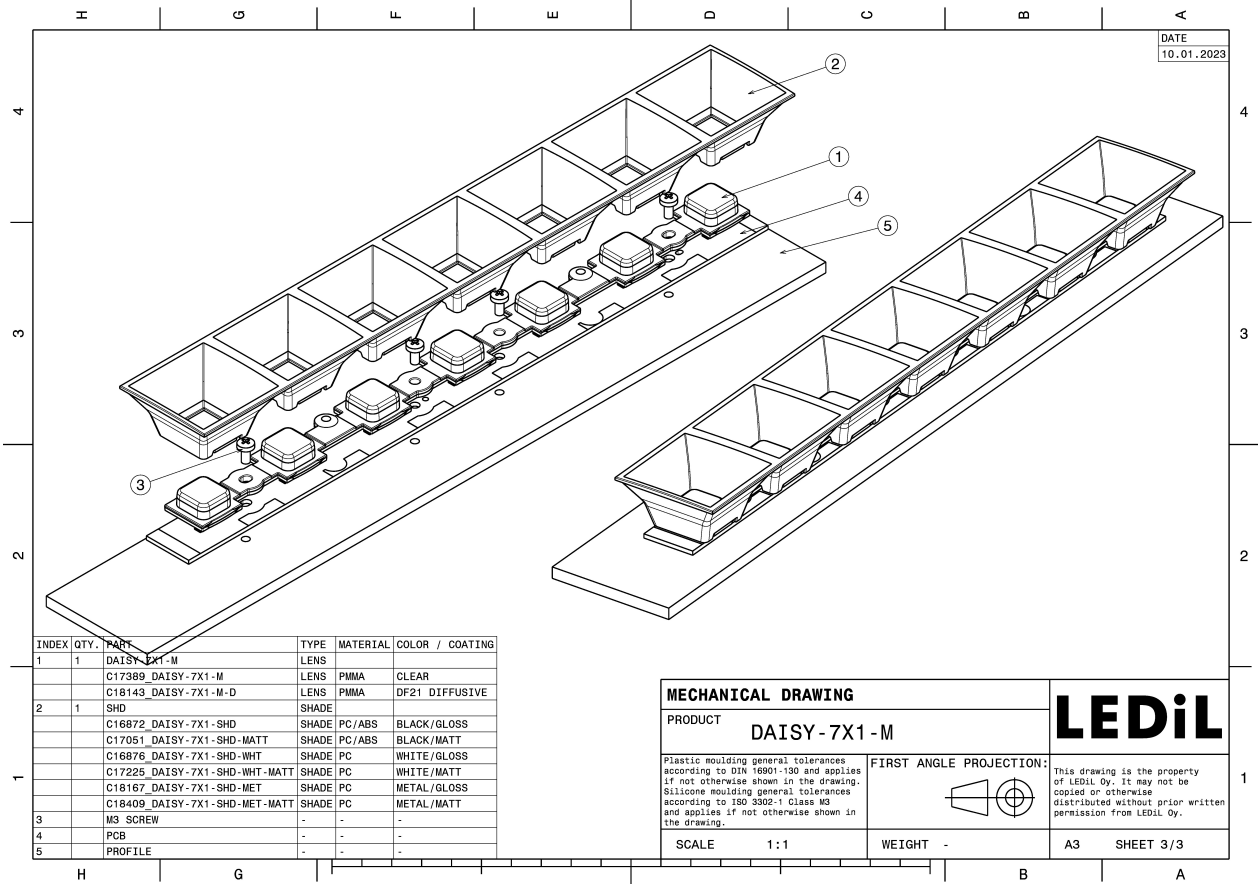
##### Quantities for one set:

Linear lens	1
Shade	1




Component		Qty in box	MOQ	MPQ	Box weight (kg)
C18143_DAISY-7X1-M-D	Linear lens	312	192	24	6.4
» Box size: 400 x 300 x 300 mm					
C18167_DAISY-7X1-SHD-MET	Shade	156	192	24	7.0
» Box size: 595 x 360 x 230 mm					
C17051_DAISY-7X1-SHD-MATT	Shade	156	192	24	7.3
» Box size: 595 x 360 x 230 mm					
C18409_DAISY-7X1-SHD-MET-MATT	Shade	156	192	24	7.0
» Box size: 595 x 360 x 230 mm					
C17225_DAISY-7X1-SHD-WHT-MATT	Shade	156	192	24	7.6
» Box size: 595 x 360 x 230 mm					
C16872_DAISY-7X1-SHD	Shade	156	192	24	7.1
» Box size: 595 x 360 x 230 mm					
C16876_DAISY-7X1-SHD-WHT	Shade	156	192	24	7.6
» Box size: 595 x 360 x 230 mm					




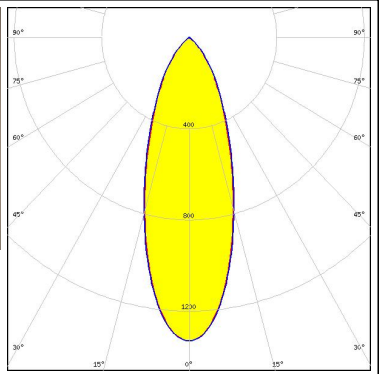

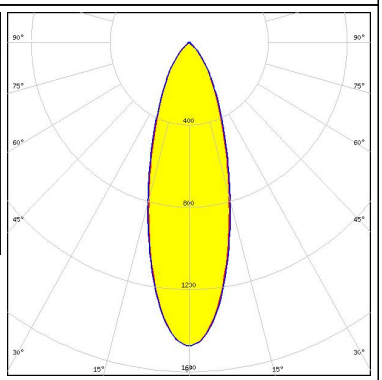


INDEX	QTY.	PART	TYPE	MATERIAL	COLOR / COATING
1	1	DAISY-7X1-M	LENS		
		C17389_DAISY-7X1-M	LENS	PMMA	CLEAR
		C18143_DAISY-7X1-M-D	LENS	PMMA	DF21 DIFFUSIVE
2	1	SHD	SHADE		
		C16872_DAISY-7X1-SHD	SHADE	PC/ABS	BLACK/GLOSS
		C17051_DAISY-7X1-SHD-MATT	SHADE	PC/ABS	BLACK/MATT
		C16876_DAISY-7X1-SHD-WHT	SHADE	PC	WHITE/GLOSS
		C17225_DAISY-7X1-SHD-WHT-MATT	SHADE	PC	WHITE/MATT
		C18167_DAISY-7X1-SHD-MET	SHADE	PC	METAL/GLOSS
		C18409_DAISY-7X1-SHD-MET-MATT	SHADE	PC	METAL/MATT
3		M3 SCREW	-	-	-
4		PCB	-	-	-
5		PROFILE	-	-	-

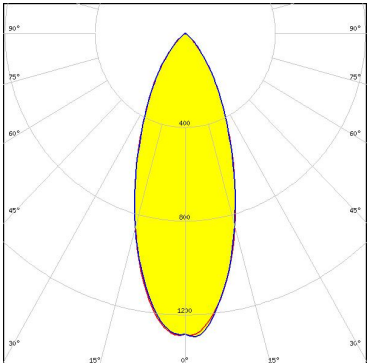
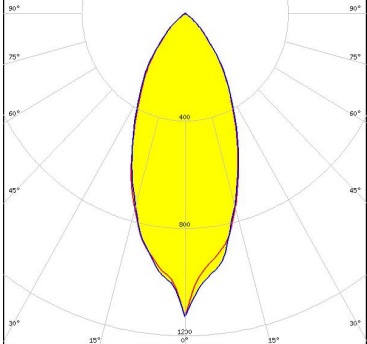
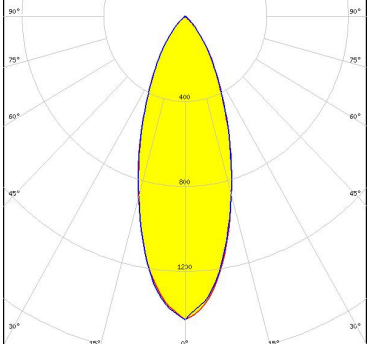
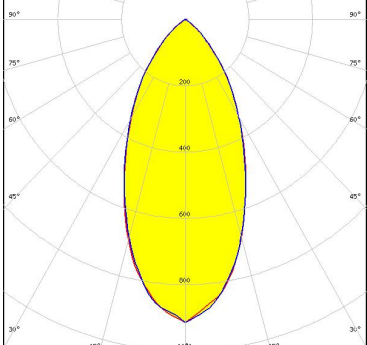
MECHANICAL DRAWING		<b>LEDiL</b>
PRODUCT <b>DAISY-7X1-M</b>		
Plastic moulding general tolerances according to DIN 16801-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing.	FIRST ANGLE PROJECTION: 	This drawing is the property of LEDiL Oy. It may not be copied or otherwise distributed without prior written permission from LEDiL Oy.
SCALE 1:1	WEIGHT -	
		A3 SHEET 3/3

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

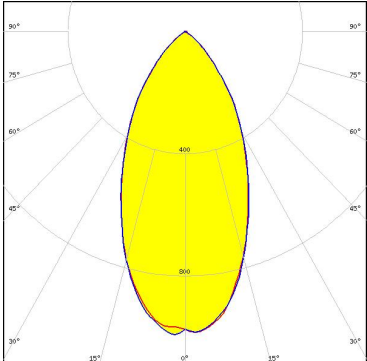
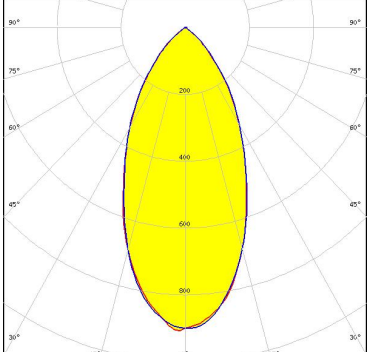
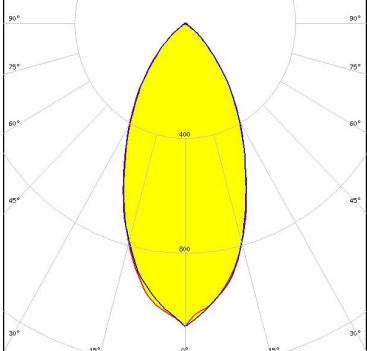
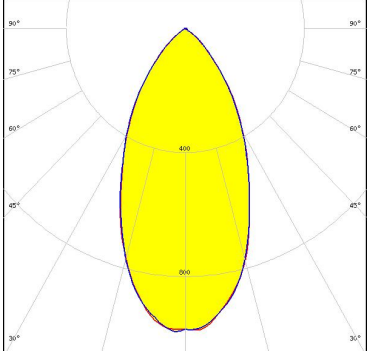
### OPTICAL RESULTS (MEASURED):

<p><b>MST</b> <i>Your solutions</i></p> <p>LED LinLED 280x28mm 1600lm 840 4C 21V DAISY 7x1(ZT25)</p> <p>FWHM / FWTM 35.0° / 77.0°</p> <p>Efficiency 74 %</p> <p>Peak intensity 1.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C16872_DAISY-7X1-SHD</p>		
<p><b>NICHIA</b></p> <p>LED NCSxE17A</p> <p>FWHM / FWTM 32.0° / 74.0°</p> <p>Efficiency 72 %</p> <p>Peak intensity 1.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C17051_DAISY-7X1-SHD-MATT</p>		

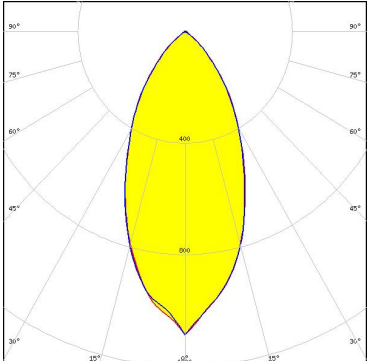
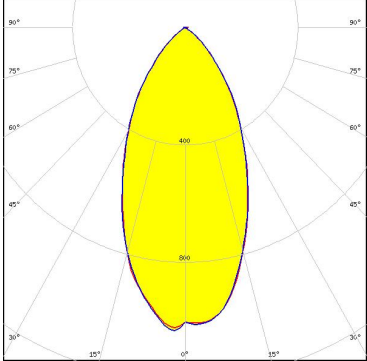
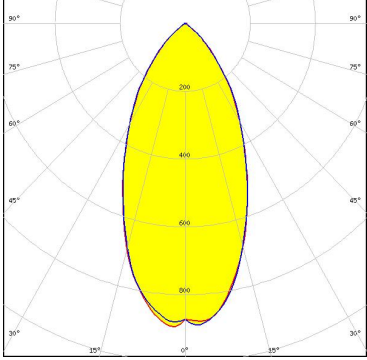
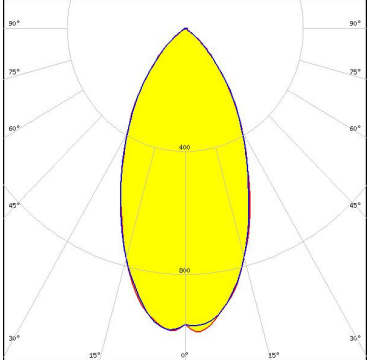
### OPTICAL RESULTS (SIMULATED):

<p><b>LUMILEDS</b></p> <p>LED LUXEON 2835 Line            FWHM / FWTM 40.0° / 80.0°            Efficiency 77 %            Peak intensity 1.3 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C16872_DAISSY-7X1-SHD</p>	
<p><b>LUMILEDS</b></p> <p>LED LUXEON 2835 Line            FWHM / FWTM 43.0° / 88.0°            Efficiency 79 %            Peak intensity 1.1 cd/lm            LEDs/each optic 2            Light colour White            Required components:            C16872_DAISSY-7X1-SHD</p>	
<p><b>LUMILEDS</b></p> <p>LED LUXEON 3020            FWHM / FWTM 37.0° / 76.0°            Efficiency 77 %            Peak intensity 1.4 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C16872_DAISSY-7X1-SHD</p>	
<p><b>NICHIA</b></p> <p>LED NF2W757G-MT (Tunable White)            FWHM / FWTM 48.0° / 94.0°            Efficiency 75 %            Peak intensity 0.9 cd/lm            LEDs/each optic 2            Light colour Tunable White            Required components:            C17051_DAISSY-7X1-SHD-MATT</p>	

### OPTICAL RESULTS (SIMULATED):

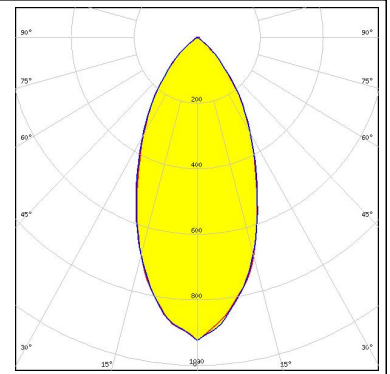
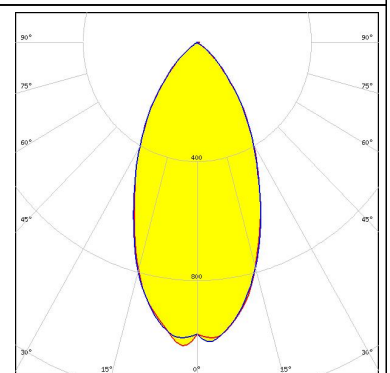
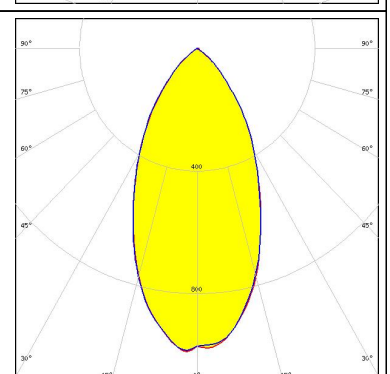
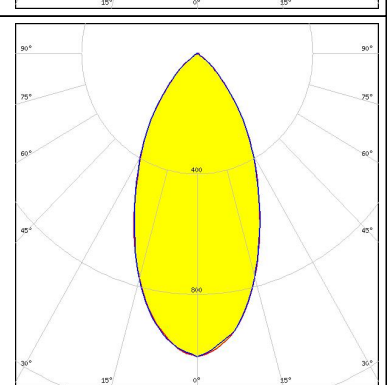
<p><b>NICHIA</b></p> <p>LED NF2W757G-MT (Tunable White)</p> <p>FWHM / FWTM 50.0° / 94.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 1 cd/lm</p> <p>LEDs/each optic 2</p> <p>Light colour Tunable White</p> <p>Required components: C17225_DAISY-7X1-SHD-WHT-MATT</p>	
<p><b>NICHIA</b></p> <p>LED NF2W757G-MT (Tunable White)</p> <p>FWHM / FWTM 50.0° / 94.0°</p> <p>Efficiency 76 %</p> <p>Peak intensity 0.9 cd/lm</p> <p>LEDs/each optic 2</p> <p>Light colour Tunable White</p> <p>Required components: C16872_DAISY-7X1-SHD</p>	
<p><b>NICHIA</b></p> <p>LED NF2W757G-MT (Tunable White)</p> <p>FWHM / FWTM 48.0° / 94.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 1.1 cd/lm</p> <p>LEDs/each optic 2</p> <p>Light colour Tunable White</p> <p>Required components: C18167_DAISY-7X1-SHD-MET</p>	
<p><b>NICHIA</b></p> <p>LED NF2W757G-MT (Tunable White)</p> <p>FWHM / FWTM 51.0° / 94.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 1 cd/lm</p> <p>LEDs/each optic 2</p> <p>Light colour Tunable White</p> <p>Required components: C16876_DAISY-7X1-SHD-WHT</p>	

### OPTICAL RESULTS (SIMULATED):

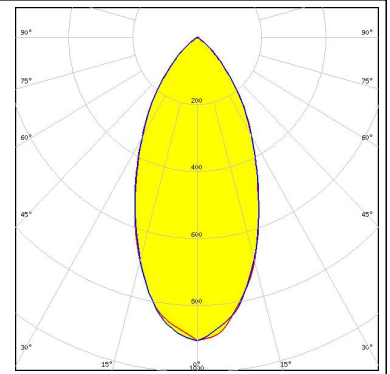
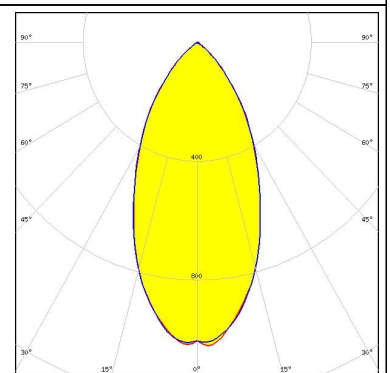
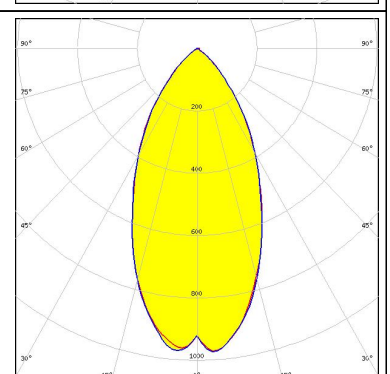
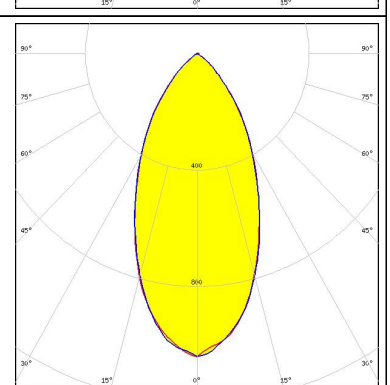
<p><b>NICHIA</b></p> <p>LED NF2W757G-MT (Tunable White)            FWHM / FWTM 48.0° / 92.0°            Efficiency 88 %            Peak intensity 1.1 cd/lm            LEDs/each optic 2            Light colour Tunable White            Required components:            C17533_DAISY-7X1-SHD-MET-MATT</p>	
<p><b>NICHIA</b></p> <p>LED NF2W757H            FWHM / FWTM 50.0° / 94.0°            Efficiency 88 %            Peak intensity 1 cd/lm            LEDs/each optic 2            Light colour White            Required components:            C17533_DAISY-7X1-SHD-MET-MATT</p>	
<p><b>NICHIA</b></p> <p>LED NF2W757H            FWHM / FWTM 50.0° / 94.0°            Efficiency 75 %            Peak intensity 0.9 cd/lm            LEDs/each optic 2            Light colour White            Required components:            C17051_DAISY-7X1-SHD-MATT</p>	
<p><b>NICHIA</b></p> <p>LED NF2W757H            FWHM / FWTM 51.0° / 94.0°            Efficiency 86 %            Peak intensity 1 cd/lm            LEDs/each optic 2            Light colour White            Required components:            C17225_DAISY-7X1-SHD-WHT-MATT</p>	



### OPTICAL RESULTS (SIMULATED):

<p><b>NICHIA</b></p> <p>LED NF2W757H            FWHM / FWTM 48.0° / 94.0°            Efficiency 76 %            Peak intensity 0.9 cd/lm            LEDs/each optic 2            Light colour White            Required components:            C16872_DAISSY-7X1-SHD</p>	
<p><b>NICHIA</b></p> <p>LED NF2W757H            FWHM / FWTM 50.0° / 94.0°            Efficiency 88 %            Peak intensity 1 cd/lm            LEDs/each optic 2            Light colour White            Required components:            C18167_DAISSY-7X1-SHD-MET</p>	
<p><b>NICHIA</b></p> <p>LED NF2W757H            FWHM / FWTM 50.0° / 94.0°            Efficiency 86 %            Peak intensity 1 cd/lm            LEDs/each optic 2            Light colour White            Required components:            C16876_DAISSY-7X1-SHD-WHT</p>	
<p><b>NICHIA</b></p> <p>LED NF2x757G            FWHM / FWTM 50.0° / 94.0°            Efficiency 86 %            Peak intensity 1 cd/lm            LEDs/each optic 2            Light colour White            Required components:            C17225_DAISSY-7X1-SHD-WHT-MATT</p>	

### OPTICAL RESULTS (SIMULATED):

<p><b>NICHIA</b></p> <p>LED NF2x757G            FWHM / FWTM 48.0° / 93.0°            Efficiency 75 %            Peak intensity 0.9 cd/lm            LEDs/each optic 2            Light colour White            Required components:            C16872_DAISSY-7X1-SHD</p>	
<p><b>NICHIA</b></p> <p>LED NF2x757G            FWHM / FWTM 50.0° / 94.0°            Efficiency 88 %            Peak intensity 1 cd/lm            LEDs/each optic 2            Light colour White            Required components:            C18167_DAISSY-7X1-SHD-MET</p>	
<p><b>NICHIA</b></p> <p>LED NF2x757G            FWHM / FWTM 52.0° / 94.0°            Efficiency 86 %            Peak intensity 1 cd/lm            LEDs/each optic 2            Light colour White            Required components:            C16876_DAISSY-7X1-SHD-WHT</p>	
<p><b>NICHIA</b></p> <p>LED NF2x757G            FWHM / FWTM 50.0° / 94.0°            Efficiency 88 %            Peak intensity 1 cd/lm            LEDs/each optic 2            Light colour White            Required components:            C17533_DAISSY-7X1-SHD-MET-MATT</p>	

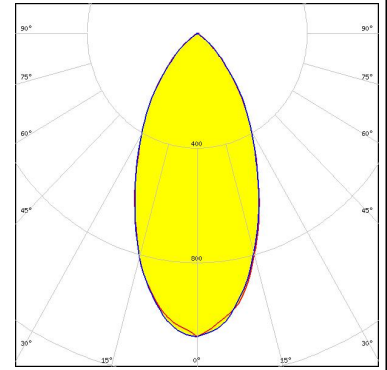
### OPTICAL RESULTS (SIMULATED):

<p><b>NICHIA</b></p> <p>LED NF2x757G            FWHM / FWTM 50.0° / 94.0°            Efficiency 75 %            Peak intensity 0.9 cd/lm            LEDs/each optic 2            Light colour White            Required components:            C17051_DAISY-7X1-SHD-MATT</p>	
<p><b>NICHIA</b></p> <p>LED NFSW757H            FWHM / FWTM 48.0° / 93.0°            Efficiency 76 %            Peak intensity 0.9 cd/lm            LEDs/each optic 2            Light colour White            Required components:            C16872_DAISY-7X1-SHD</p>	
<p><b>NICHIA</b></p> <p>LED NFSW757H            FWHM / FWTM 48.0° / 92.0°            Efficiency 88 %            Peak intensity 1.1 cd/lm            LEDs/each optic 2            Light colour White            Required components:            C18167_DAISY-7X1-SHD-MET</p>	
<p><b>NICHIA</b></p> <p>LED NFSW757H            FWHM / FWTM 50.0° / 94.0°            Efficiency 86 %            Peak intensity 1 cd/lm            LEDs/each optic 2            Light colour White            Required components:            C16876_DAISY-7X1-SHD-WHT</p>	

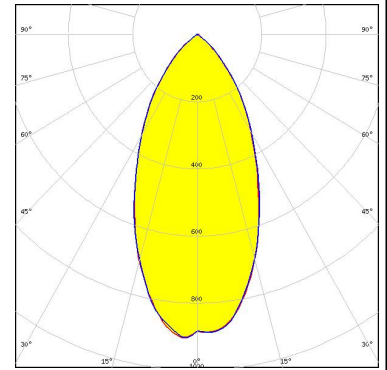
### OPTICAL RESULTS (SIMULATED):



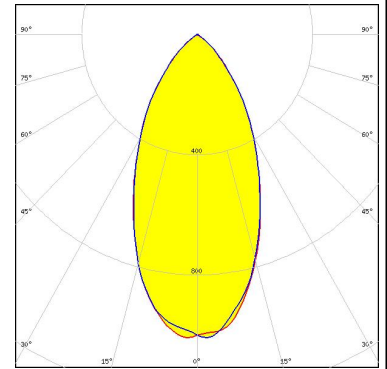
LED NFSW757H  
 FWHM / FWTM 50.0° / 94.0°  
 Efficiency 88 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 2  
 Light colour White  
 Required components:  
 C17533\_DAISSY-7X1-SHD-MET-MATT



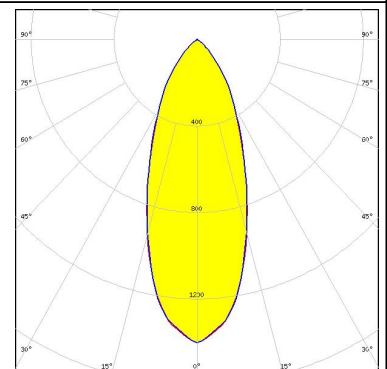
LED NFSW757H  
 FWHM / FWTM 50.0° / 94.0°  
 Efficiency 76 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 2  
 Light colour White  
 Required components:  
 C17051\_DAISSY-7X1-SHD-MATT



LED NFSW757H  
 FWHM / FWTM 50.0° / 94.0°  
 Efficiency 86 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 2  
 Light colour White  
 Required components:  
 C17225\_DAISSY-7X1-SHD-WHT-MATT



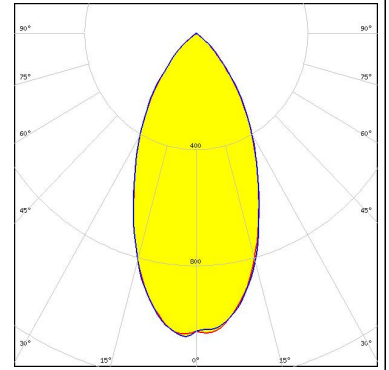
LED LM28xB Series  
 FWHM / FWTM 40.0° / 82.0°  
 Efficiency 87 %  
 Peak intensity 1.4 cd/lm  
 LEDs/each optic 2  
 Light colour White  
 Required components:  
 C17051\_DAISSY-7X1-SHD-MATT



### OPTICAL RESULTS (SIMULATED):

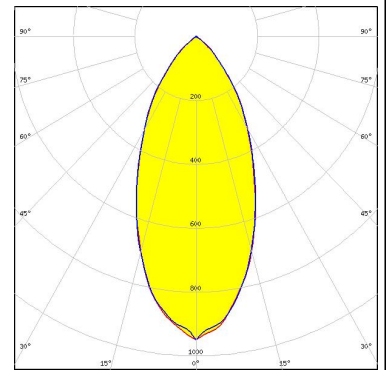
#### SAMSUNG

LED LM301Z Plus  
FWHM / FWTM 50.0° / 92.0°  
Efficiency 88 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 2  
Light colour White  
Required components:  
C18167\_DAISSY-7X1-SHD-MET



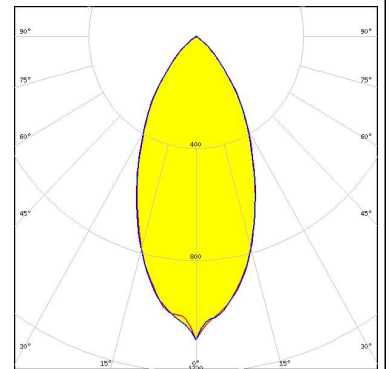
#### SAMSUNG

LED LM301Z Plus  
FWHM / FWTM 48.0° / 92.0°  
Efficiency 75 %  
Peak intensity 1 cd/lm  
LEDs/each optic 2  
Light colour White  
Required components:  
C17051\_DAISSY-7X1-SHD-MATT



#### SAMSUNG

LED LM301Z Plus  
FWHM / FWTM 48.0° / 92.0°  
Efficiency 86 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 2  
Light colour White  
Required components:  
C17225\_DAISSY-7X1-SHD-WHT-MATT



### 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.

### PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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#### LEDiL Oy

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Casic Motor Building  
Shenzhen 518057  
P.R.CHINA

#### Local sales and technical support

[www.ledil.com/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)

#### Shipping locations

Salo, Finland  
Hong Kong, China

#### Distribution Partners

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