DAISY-7X1-M

~35° wide beam



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	Length
C17389_DAISY-7X1-M	Linear lens	PMMA	clear		19.0
C18409_DAISY-7X1-SHD-MET-MATT	Shade	PC	metal	matt	279.5
C18167_DAISY-7X1-SHD-MET	Shade	PC	metal	gloss	
C17225_DAISY-7X1-SHD-WHT-MATT	Shade	PC	white	matt	279.5
C17051_DAISY-7X1-SHD-MATT	Shade	PC	black	matt	279.5
C16876_DAISY-7X1-SHD-WHT	Shade	PC	white	gloss	279.5
C16872_DAISY-7X1-SHD	Shade	PC	black	gloss	

ORDERING INFORMATION:

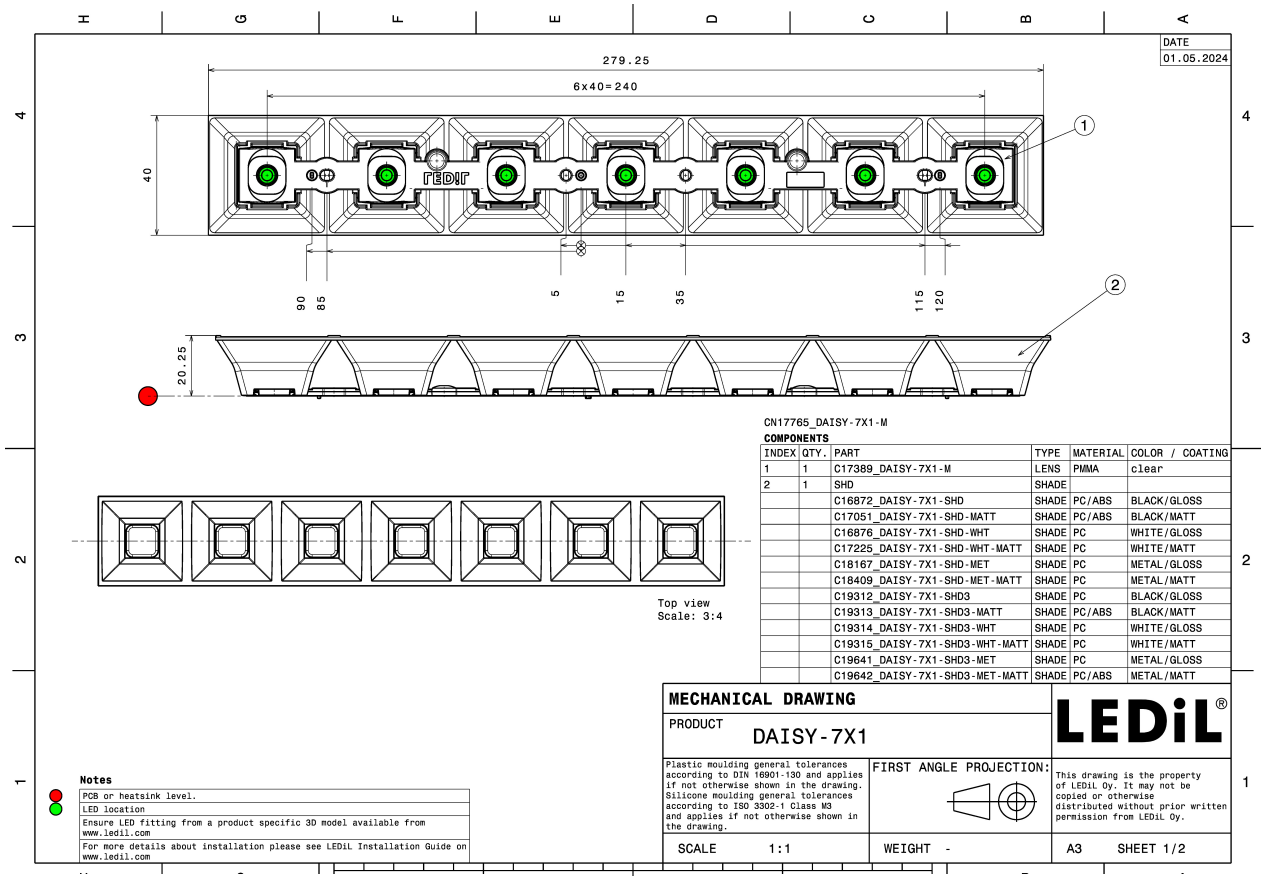
Quantities for one set:

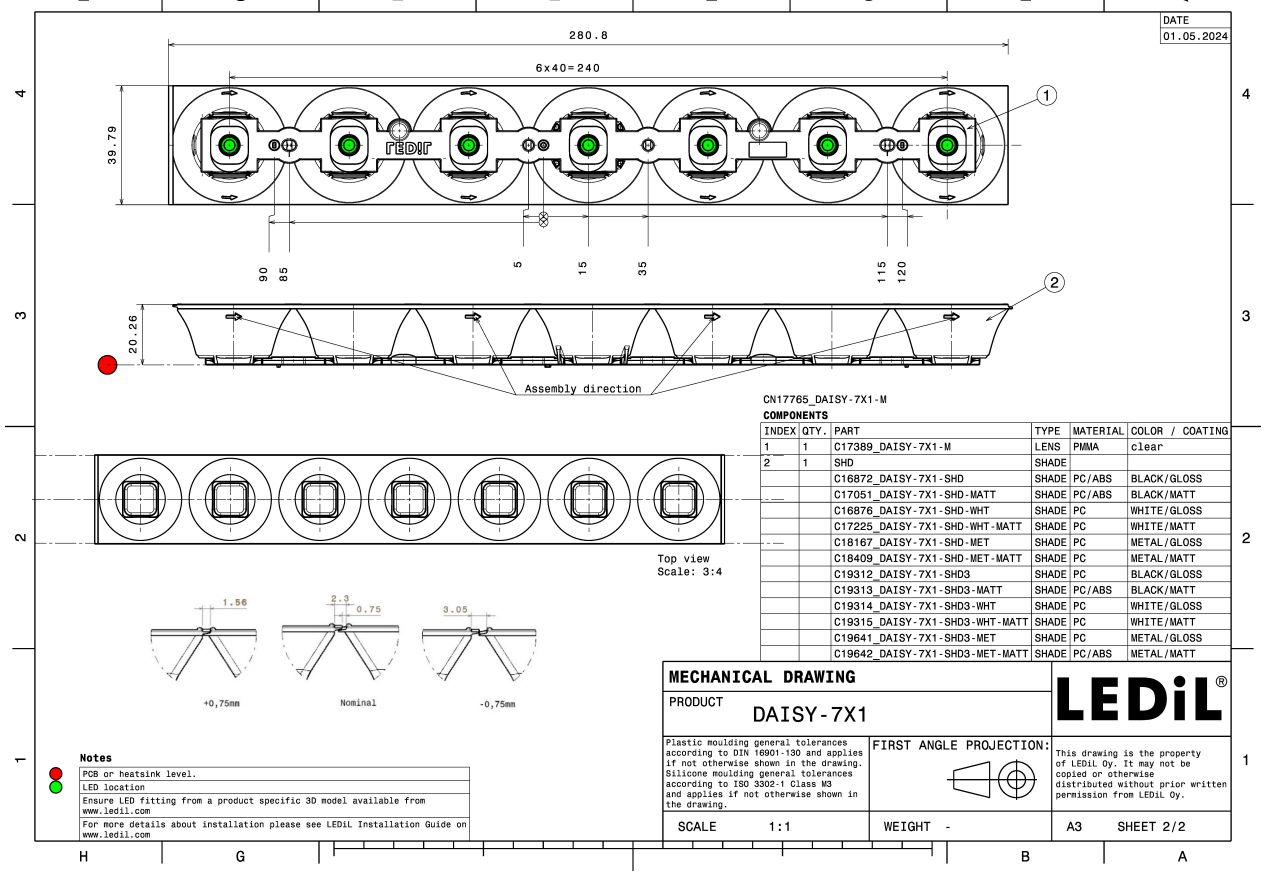
Linear lens	1
Shade	1

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Component		Qty in box	MOQ	MPQ	Box weight (kg)
C17389_DAISY-7X1-M » Box size: 400 x 300 x 300 mm	Linear lens	312	312	24	6.3
C16872_DAISY-7X1-SHD » Box size: 595 x 360 x 230 mm	Shade	156	312	24	7.1
C18167_DAISY-7X1-SHD-MET » Box size: 595 x 360 x 230 mm	Shade	156	312	24	7.0
C16876_DAISY-7X1-SHD-WHT » Box size: 595 x 360 x 230 mm	Shade	156	312	24	7.6
C18409_DAISY-7X1-SHD-MET-MATT » Box size: 595 x 360 x 230 mm	Shade	156	312	24	7.0
C17051_DAISY-7X1-SHD-MATT » Box size: 595 x 360 x 230 mm	Shade	156	312	24	7.3
C17225_DAISY-7X1-SHD-WHT-MATT » Box size: 595 x 360 x 230 mm	Shade	156	312	24	7.6

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See also our general installation guide: www.ledil.com/installation_guide

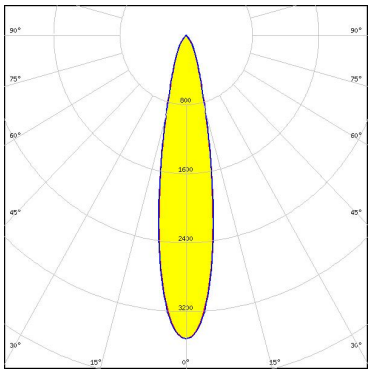
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OPTICAL RESULTS (MEASURED):

MST Your solutions

LED	LinLED 280x28mm 1600lm 840 4C 21V DAISY 7x1(ZT25)
FWHM / FWTM	21.0° / 46.0°
Efficiency	79 %
Peak intensity	3.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C16872_DAISY-7X1-SHD	



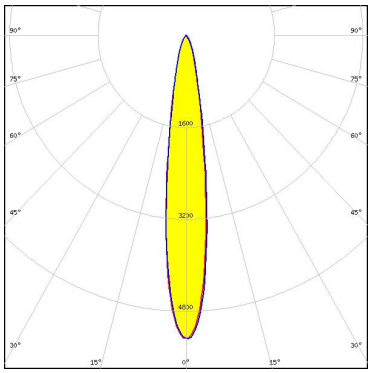


Light distribution files

NICHIA

LED	NCSxE17A
FWHM / FWTM	16.0° / 36.0°
Efficiency	77 %
Peak intensity	5.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C17051_DAISY-7X1-SHD-MATT	





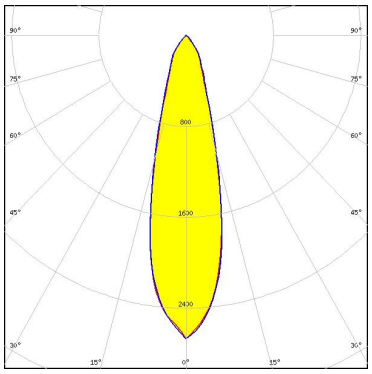
Light distribution files

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OPTICAL RESULTS (SIMULATED):

CREE LEDs

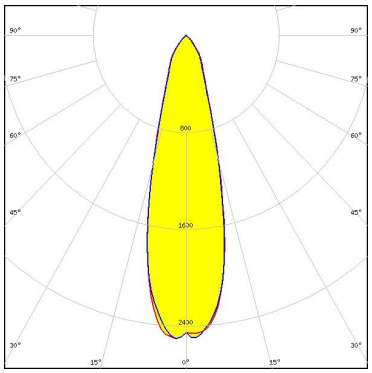
LED	J Series 5050 Round LES
FWHM / FWTM	26.0° / 58.0 + 60.0°
Efficiency	86 %
Peak intensity	2.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C16872_DAISY-7X1-SHD	



Light distribution files

CREE LEDs

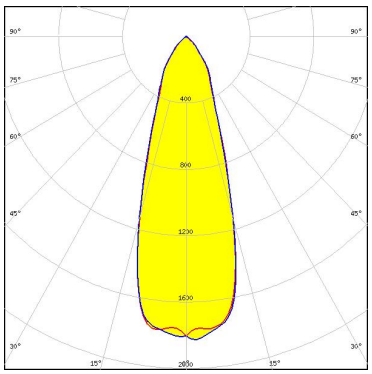
LED	J Series 5050 Round LES
FWHM / FWTM	28.0° / 64.0 + 62.0°
Efficiency	87 %
Peak intensity	2.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C16872_DAISY-7X1-SHD	



Light distribution files

LUMILEDS

LED	LUXEON 2835 Line
FWHM / FWTM	34.0° / 76.0°
Efficiency	88 %
Peak intensity	1.9 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C16872_DAISY-7X1-SHD	



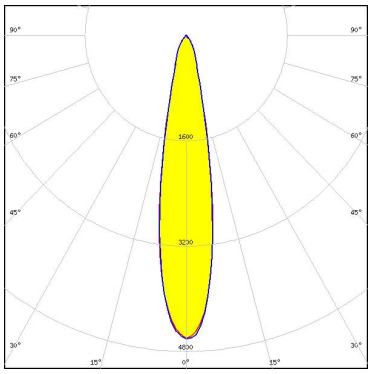
Light distribution files

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OPTICAL RESULTS (SIMULATED):

LUMILEDS

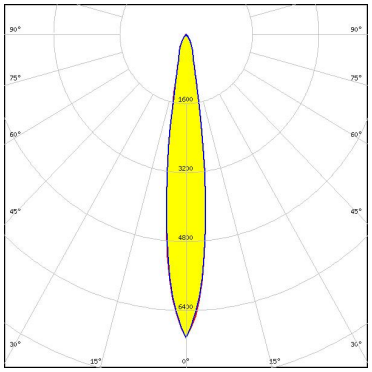
LED	LUXEON 2835 Line
FWHM / FWTM	20.0° / 42.0°
Efficiency	92 %
Peak intensity	4.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C16872_DAISY-7X1-SHD	



Light distribution files

LUMILEDS

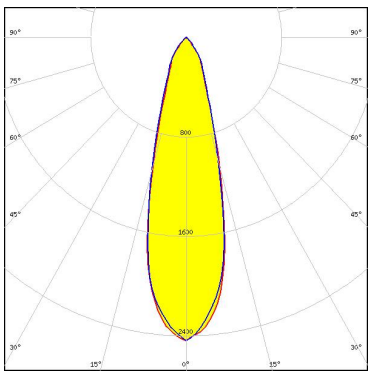
LED	LUXEON 3020
FWHM / FWTM	16.0° / 32.0°
Efficiency	91 %
Peak intensity	7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C16872_DAISY-7X1-SHD	



Light distribution files

LUMILEDS

LED	LUXEON 5050 Square LES
FWHM / FWTM	28.0° / 62.0 + 64.0°
Efficiency	87 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C16872_DAISY-7X1-SHD	



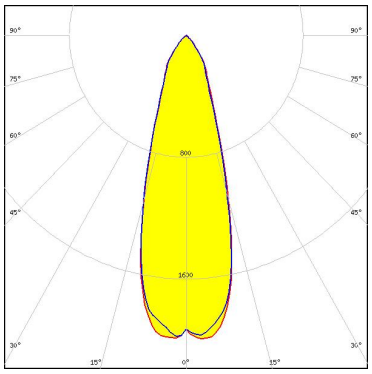
Light distribution files

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OPTICAL RESULTS (SIMULATED):

LUMILEDS

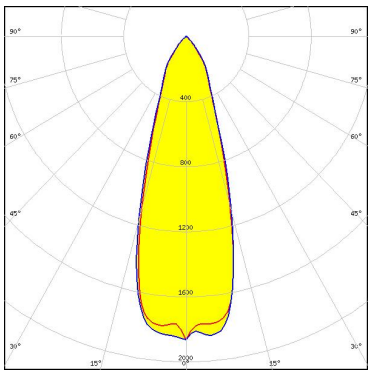
LED	LUXEON 5050 Square LES
FWHM / FWTM	32.0° / 72.0 + 71.0°
Efficiency	87 %
Peak intensity	2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C16872_DAISY-7X1-SHD	



Light distribution files

OSRAM
Opto Semiconductors

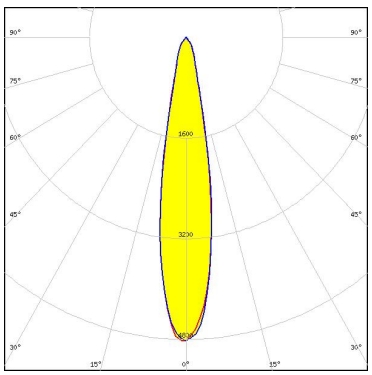
LED	Duris S8
FWHM / FWTM	33.0 + 34.0° / 72.0°
Efficiency	86 %
Peak intensity	1.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C16872_DAISY-7X1-SHD	



Light distribution files

SAMSUNG

LED	LH231B
FWHM / FWTM	20.0° / 39.0 + 38.0°
Efficiency	86 %
Peak intensity	4.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C16872_DAISY-7X1-SHD	



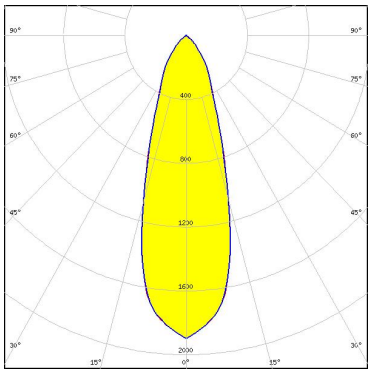
Light distribution files

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OPTICAL RESULTS (SIMULATED):

SAMSUNG

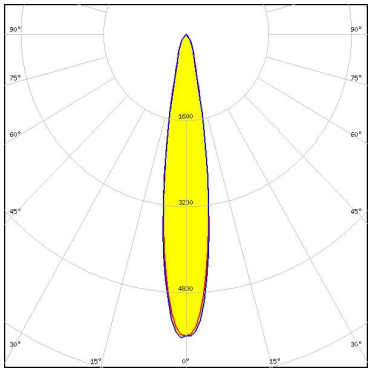
LED	LM28xB Series
FWHM / FWTM	32.0° / 74.0°
Efficiency	88 %
Peak intensity	1.9 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C17051_DAISY-7X1-SHD-MATT	



Light distribution files

SAMSUNG

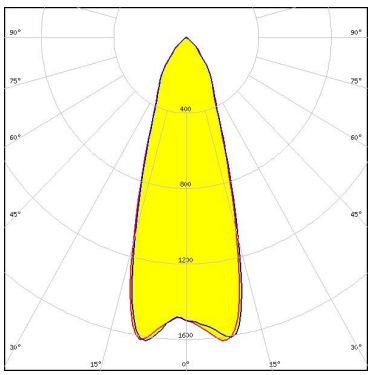
LED	LM28xB Series
FWHM / FWTM	18.0° / 36.0°
Efficiency	89 %
Peak intensity	5.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C16872_DAISY-7X1-SHD	



Light distribution files

SAMSUNG

LED	LM28xB Series
FWHM / FWTM	36.0° / 78.0°
Efficiency	84 %
Peak intensity	1.6 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C16872_DAISY-7X1-SHD	



Light distribution files

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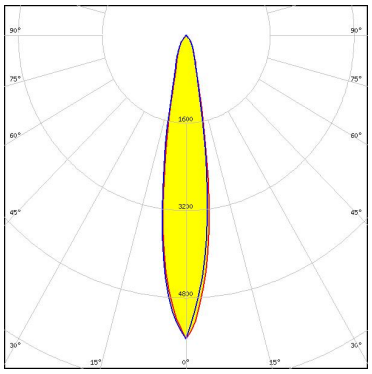
OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED	LM28xB Series
FWHM / FWTM	18.0° / 39.0°
Efficiency	95 %
Peak intensity	5.5 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:

C17225_DAISY-7X1-SHD-WHT-MATT



Light distribution files

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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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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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