DAISY-7X1-O

~25 + 70° oval beam. Choose SHD with no lips or SHD2 with narrow lips and square openings. SHD3 with narrow lips and round openings.



SPECIFICATION:

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

MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
C17538_DAISY-7X1-O	Linear lens	PMMA	clear		
L20015_DAISY-7X1-SHD2-MET-MATT	Shade	PC-ABS	metal	matt	
L20014_DAISY-7X1-SHD2-MET	Shade	PC	metal	gloss	
L20013_DAISY-7X1-SHD2-MATT-WHT	Shade	PC	white	matt	
L20012_DAISY-7X1-SHD2-WHT	Shade	PC	white	gloss	
L20011_DAISY-7X1-SHD2-MATT	Shade	PC-ABS	black	matt	
L20010_DAISY-7X1-SHD2	Shade	PC	black	gloss	
C19855_DAISY-7X1-SHD3-MATT-GLD	Shade	PC	gold	matt	
C19854_DAISY-7X1-SHD3-MATT-RED	Shade	PC	red	matt	
C19853_DAISY-7X1-SHD3-MATT-GR	Shade	PC	grey	matt	
C19852_DAISY-7X1-SHD-MATT-GLD	Shade	PC	gold	matt	
C19764_DAISY-7X1-SHD-MATT-GR	Shade	PC	grey	matt	
C19763_DAISY-7X1-SHD-MATT-RED	Shade	PC	red	matt	
C19642_DAISY-7X1-SHD3-MET-MATT	Shade	PC	metal	matt	
C19641_DAISY-7X1-SHD3-MET	Shade	PC	metal	gloss	
C19315_DAISY-7X1-SHD3-WHT-MATT	Shade	PC	white	matt	
C19314_DAISY-7X1-SHD3-WHT	Shade	PC	white	gloss	
C19313_DAISY-7X1-SHD3-MATT	Shade	PC	black	matt	

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

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

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

ORDERING INFORMATION:

Quantities for one set:

Linear lens	1
Shade	1

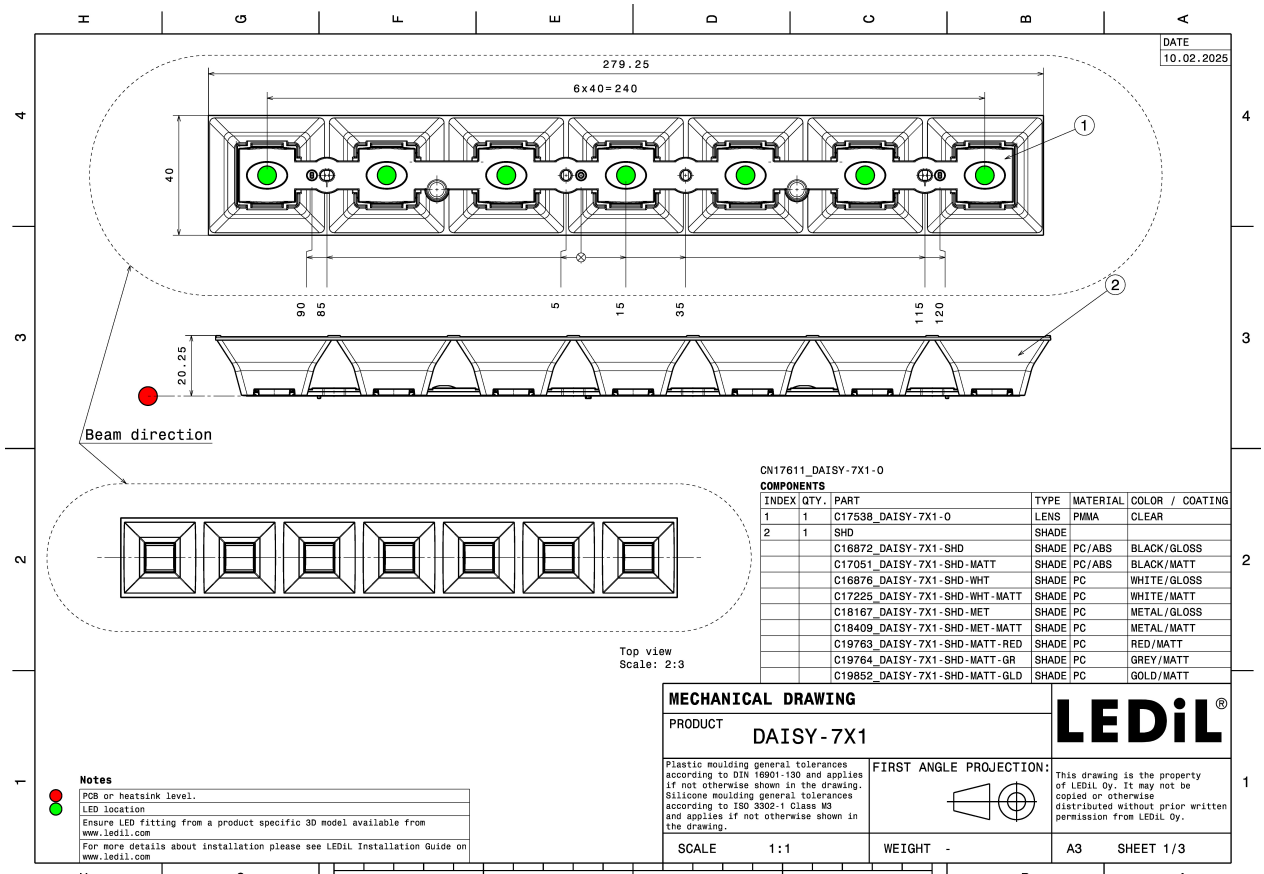
LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

Component		Qty in box	MOQ	MPQ	Box weight (kg)
C17538_DAISY-7X1-O » Box size: 400 x 300 x 300 mm	Linear lens	312	312	24	7.0
C19852_DAISY-7X1-SHD-MATT-GLD » Box size: 595 x 360 x 230 mm	Shade	156	312	24	7.1
C18409_DAISY-7X1-SHD-MET-MATT » Box size: 595 x 360 x 230 mm	Shade	156	312	24	7.0
L20011_DAISY-7X1-SHD2-MATT » Box size: 595 x 360 x 230 mm	Shade	156	312	24	6.7
C19641_DAISY-7X1-SHD3-MET » Box size: 595 x 360 x 230 mm	Shade	156	312	24	6.1
C17051_DAISY-7X1-SHD-MATT » Box size: 595 x 360 x 230 mm	Shade	156	312	24	7.3
C19853_DAISY-7X1-SHD3-MATT-GR » Box size: 595 x 360 x 230 mm	Shade	156	312	24	7.1
C19312_DAISY-7X1-SHD3 » Box size: 595 x 360 x 230 mm	Shade	156	312	24	6.1
L20012_DAISY-7X1-SHD2-WHT » Box size: 595 x 360 x 230 mm	Shade	156	312	24	7.2
C19642_DAISY-7X1-SHD3-MET-MATT » Box size: 595 x 360 x 230 mm	Shade	156	312	24	5.7
C17225_DAISY-7X1-SHD-WHT-MATT » Box size: 595 x 360 x 230 mm	Shade	156	312	24	7.6
C19854_DAISY-7X1-SHD3-MATT-RED » Box size: 595 x 360 x 230 mm	Shade	156	312	24	6.2
C19313_DAISY-7X1-SHD3-MATT » Box size: 595 x 360 x 230 mm	Shade	156	312	24	5.8
L20013_DAISY-7X1-SHD2-MATT-WHT » Box size: 595 x 360 x 230 mm	Shade	156	312	24	7.1
C19763_DAISY-7X1-SHD-MATT-RED » Box size: 595 x 360 x 230 mm	Shade	156	312	24	7.1
C19855_DAISY-7X1-SHD3-MATT-GLD » Box size: 595 x 360 x 230 mm	Shade	156	312	24	6.2
C19314_DAISY-7X1-SHD3-WHT » Box size: 595 x 360 x 230 mm	Shade	156	312	24	6.3
C16872_DAISY-7X1-SHD » Box size: 595 x 360 x 230 mm	Shade	156	312	24	7.1
L20014_DAISY-7X1-SHD2-MET » Box size: 595 x 360 x 230 mm	Shade	156	312	24	7.2

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C18167_DAISY-7X1-SHD-MET » Box size: 595 x 360 x 230 mm	Shade	156	312	24	7.0
L20010_DAISY-7X1-SHD2 » Box size: 595 x 360 x 230 mm	Shade	156	312	24	6.9
C19315_DAISY-7X1-SHD3-WHT-MATT » Box size: 595 x 360 x 230 mm	Shade	156	312	24	6.2
C16876_DAISY-7X1-SHD-WHT » Box size: 595 x 360 x 230 mm	Shade	156	312	24	7.6
L20015_DAISY-7X1-SHD2-MET-MATT » Box size: 595 x 360 x 230 mm	Shade	156	312	24	6.6

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CN17611_DAISY-7X1-O

COMPONENTS

INDEX	QTY.	PART	TYPE	MATERIAL	COLOR / COATING
1	1	C17538_DAISY-7X1-O	LENS	PMMA	CLEAR
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
		C19763_DAISY-7X1-SHD-MATT-RED	SHADE	PC	RED/MATT
		C19764_DAISY-7X1-SHD-MATT-GR	SHADE	PC	GREY/MATT
		C19852_DAISY-7X1-SHD-MATT-GLD	SHADE	PC	GOLD/MATT

MECHANICAL DRAWING

PRODUCT DAISY-7X1

LEDiL®

Plastic moulding general tolerances according to DIN 16901-130 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.

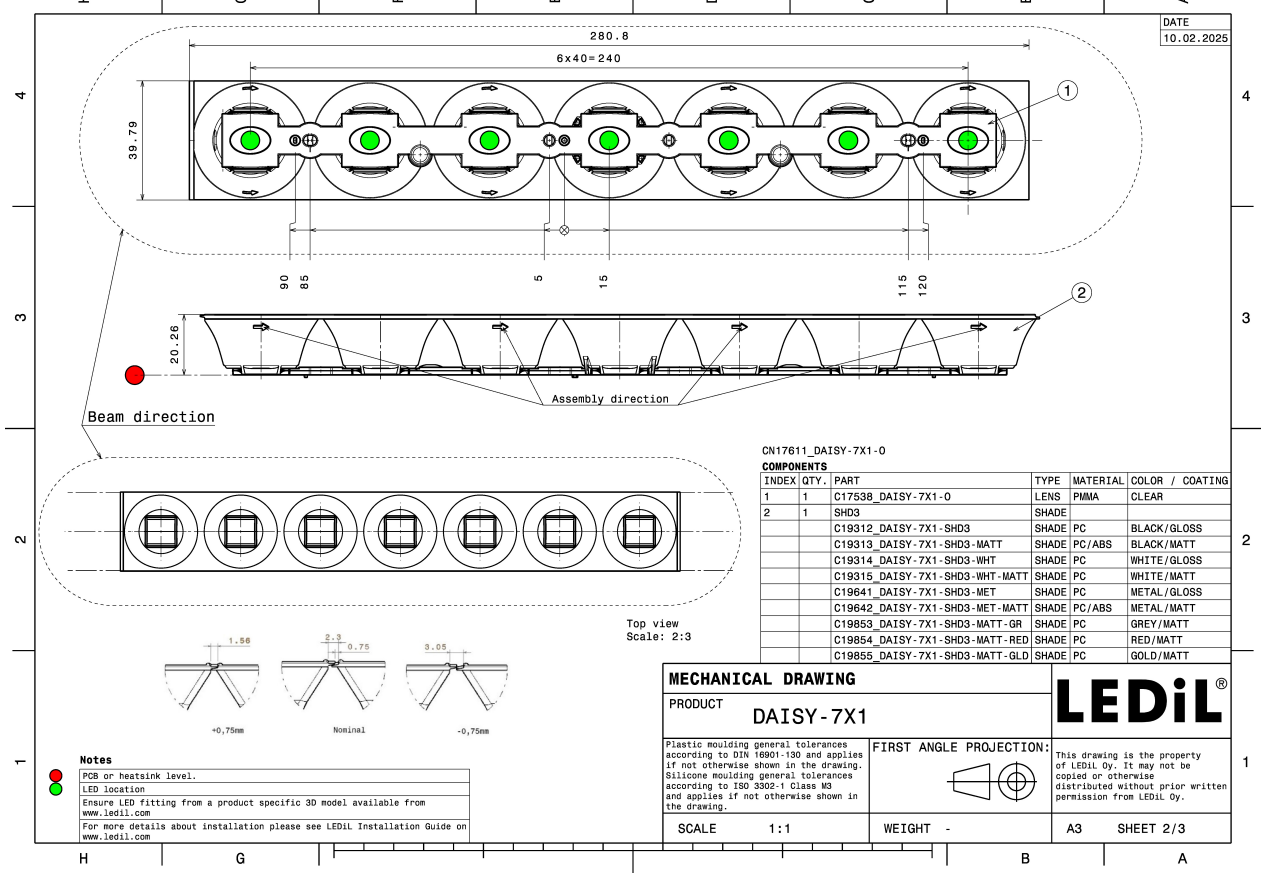
FIRST ANGLE PROJECTION:

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 1/3

Notes

PCB or heatsink level.
LED location
Ensure LED fitting from a product specific 3D model available from www.ledil.com
For more details about installation please see LEDiL Installation Guide on www.ledil.com



CN17611_DAISY-7X1-O

COMPONENTS

INDEX	QTY.	PART	TYPE	MATERIAL	COLOR / COATING
1	1	C17538_DAISY-7X1-O	LENS	PMMA	CLEAR
2	1	SHD3	SHADE		
		C19312_DAISY-7X1-SHD3	SHADE	PC	BLACK/GLOSS
		C19313_DAISY-7X1-SHD3-MATT	SHADE	PC/ABS	BLACK/MATT
		C19314_DAISY-7X1-SHD3-WHT	SHADE	PC	WHITE/GLOSS
		C19315_DAISY-7X1-SHD3-WHT-MATT	SHADE	PC	WHITE/MATT
		C19641_DAISY-7X1-SHD3-MET	SHADE	PC	METAL/GLOSS
		C19642_DAISY-7X1-SHD3-MET-MATT	SHADE	PC/ABS	METAL/MATT
		C19853_DAISY-7X1-SHD3-MATT-GR	SHADE	PC	GREY/MATT
		C19854_DAISY-7X1-SHD3-MATT-RED	SHADE	PC	RED/MATT
		C19855_DAISY-7X1-SHD3-MATT-GLD	SHADE	PC	GOLD/MATT

MECHANICAL DRAWING

PRODUCT DAISY-7X1

LEDiL®

Plastic moulding general tolerances according to DIN 16901-130 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:

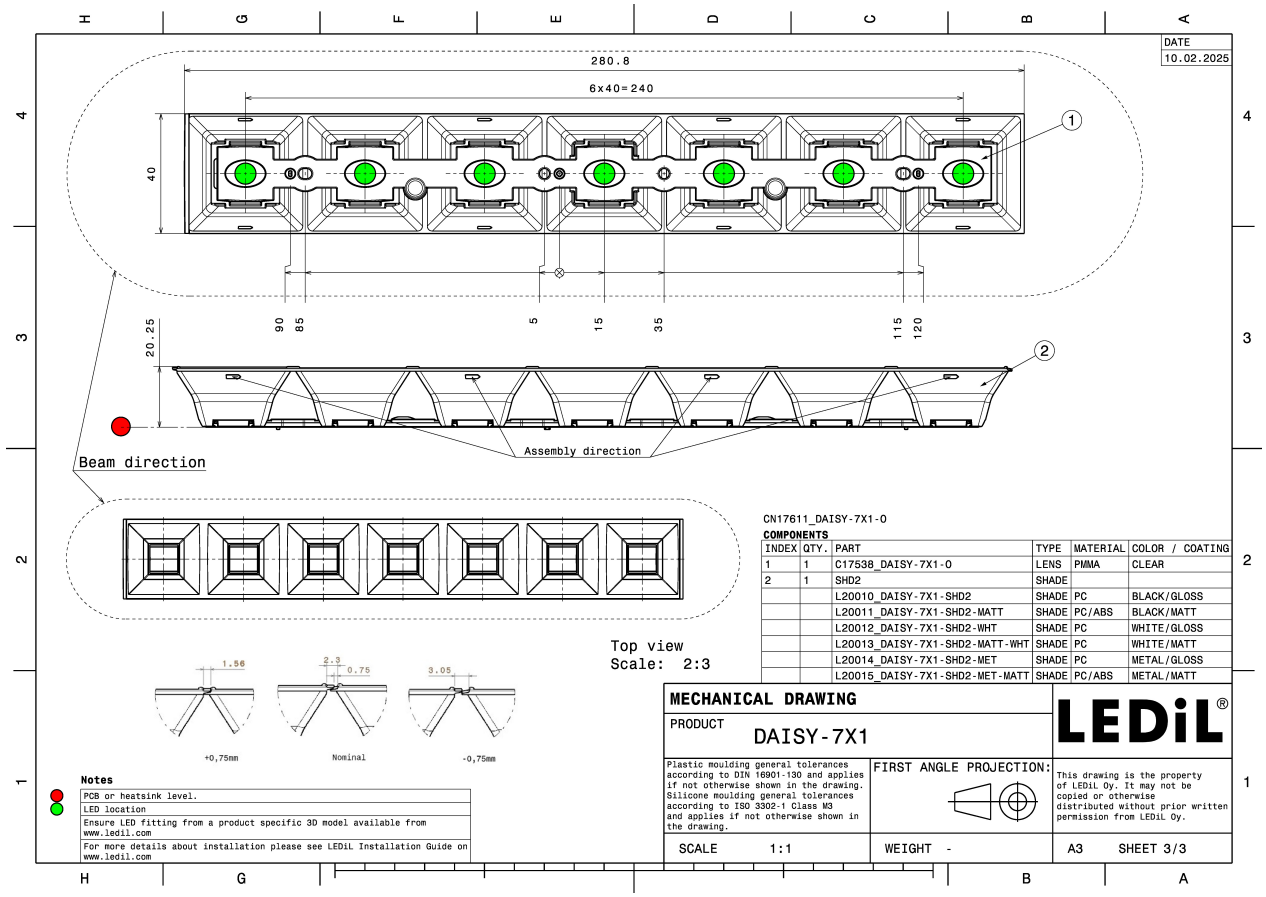
This drawing is the property of LEDiL Oy. It may not be copied or otherwise distributed without prior written permission from LEDiL Oy.

SCALE 1:1 | WEIGHT - | A3 | SHEET 2/3

Notes

PCB or heatsink level.
LED location
Ensure LED fitting from a product specific 3D model available from www.ledil.com
For more details about installation please see LEDiL Installation Guide on www.ledil.com

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CN17611_DAISY-7X1-O

COMPONENTS

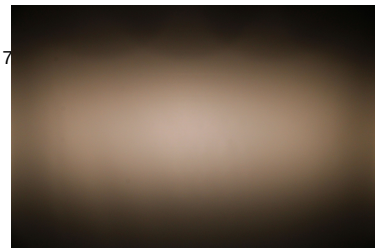
INDEX	QTY.	PART	TYPE	MATERIAL	COLOR / COATING
1	1	C17538_DAISY-7X1-O	LENS	PMMA	CLEAR
2	1	SHD2	SHADE		
		L20010_DAISY-7X1-SHD2	SHADE	PC	BLACK/GLOSS
		L20011_DAISY-7X1-SHD2-MATT	SHADE	PC/ABS	BLACK/MATT
		L20012_DAISY-7X1-SHD2-WHT	SHADE	PC	WHITE/GLOSS
		L20013_DAISY-7X1-SHD2-MATT-WHT	SHADE	PC	WHITE/MATT
		L20014_DAISY-7X1-SHD2-MET	SHADE	PC	METAL/GLOSS
		L20015_DAISY-7X1-SHD2-MET-MATT	SHADE	PC/ABS	METAL/MATT

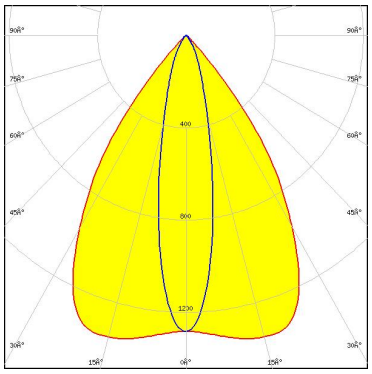
See also our general installation guide: www.ledil.com/installation_guide

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OPTICAL RESULTS (MEASURED):

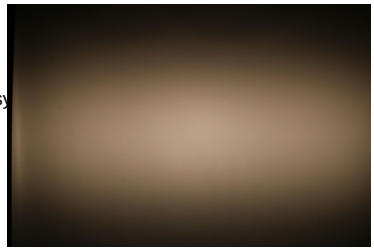
LED	LED Line SMD L28W2 TW Module 20mm 2800Lm Daisy 7
FWHM / FWTM	70.0 + 22.0° / 88.0 + 52.0°
Efficiency	70 %
Peak intensity	1.4 cd/lm
LEDs/each optic	2
Light colour/type	Tunable White
Required components:	
C17051_DAISY-7X1-SHD-MATT	

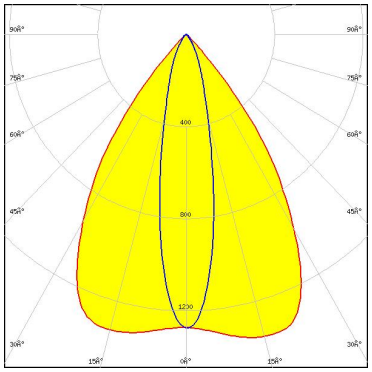




Light distribution files

LED	LED Line SMD L28W2 White Module 20mm 2800Lm Daisy
FWHM / FWTM	70.0 + 22.0° / 88.0 + 52.0°
Efficiency	70 %
Peak intensity	1.4 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C17051_DAISY-7X1-SHD-MATT	



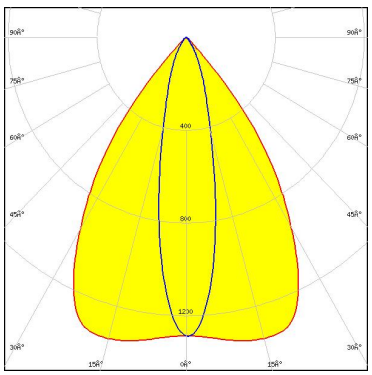


Light distribution files

LUMILEDS

LED	LUXEON HL2Z
FWHM / FWTM	71.0 + 23.0° / 88.0 + 54.0°
Efficiency	72 %
Peak intensity	1.3 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C17051_DAISY-7X1-SHD-MATT	





Light distribution files

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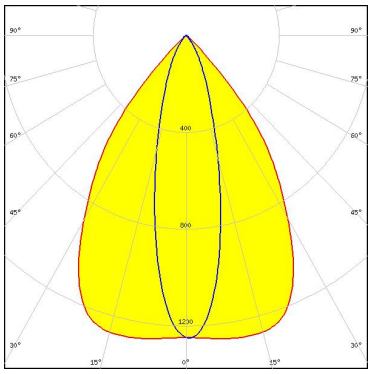
OPTICAL RESULTS (MEASURED):

MST Your solutions

LED	LinLED 274x24mm 1100lm 840 4C 42V DAISY-7X1 (ZT25
FWHM / FWTM	72.0 + 26.0° / 91.0 + 59.0°
Efficiency	76 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:
C16872_DAISY-7X1-SHD





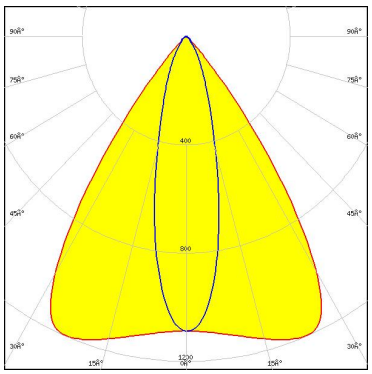
Light distribution files

MST Your solutions

LED	LinLED 280x28mm 1600lm 840 4C 21V DAISY 7x1(ZT25)
FWHM / FWTM	70.0 + 26.0° / 85.0 + 59.0°
Efficiency	72 %
Peak intensity	1.2 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:
C16872_DAISY-7X1-SHD





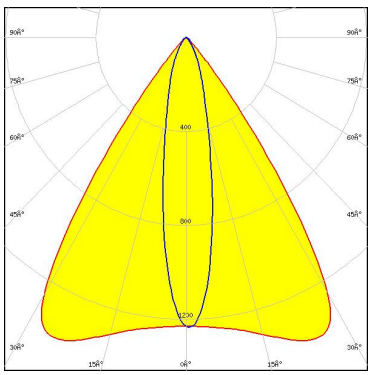
Light distribution files

NICHIA

LED	NCSxE17A
FWHM / FWTM	70.0 + 20.0° / 84.0 + 53.0°
Efficiency	70 %
Peak intensity	1.4 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:
C17051_DAISY-7X1-SHD-MATT





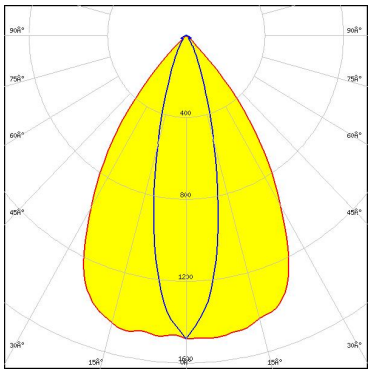
Light distribution files

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OPTICAL RESULTS (SIMULATED):

bridgelux

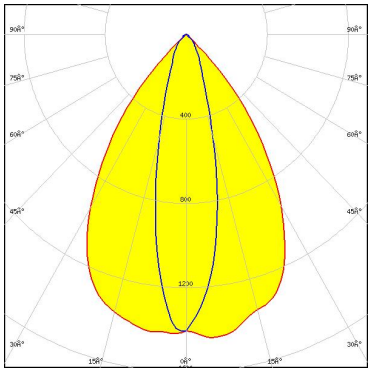
LED	CSP 2727 (BXCP)
FWHM / FWTM	68.0 + 24.0° / 88.0 + 50.0°
Efficiency	81 %
Peak intensity	1.5 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C16872_DAISY-7X1-SHD	



Light distribution files

LUMILEDS

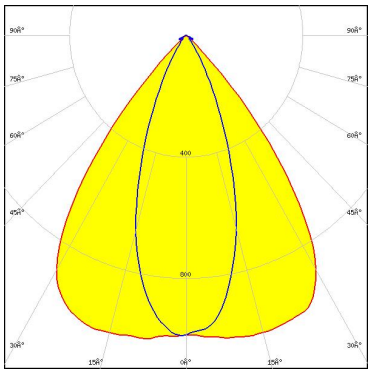
LED	LUXEON 2835 Line
FWHM / FWTM	69.0 + 24.0° / 92.0 + 57.0°
Efficiency	83 %
Peak intensity	1.4 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C16872_DAISY-7X1-SHD	



Light distribution files

LUMILEDS

LED	LUXEON 5050 HE
FWHM / FWTM	76.0 + 38.0° / 92.0 + 64.0°
Efficiency	82 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C17051_DAISY-7X1-SHD-MATT	



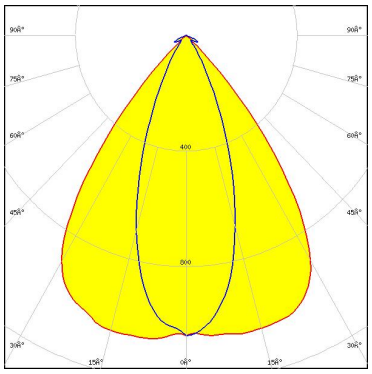
Light distribution files

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (SIMULATED):

LUMILEDS

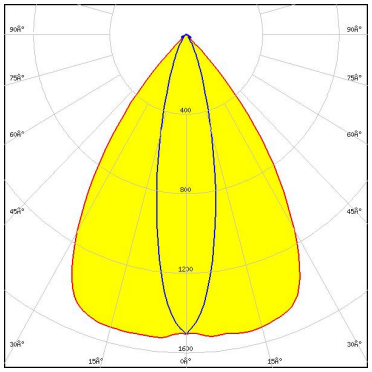
LED	LUXEON 5050 HE
FWHM / FWTM	76.0 + 38.0° / 92.0 + 64.0°
Efficiency	86 %
Peak intensity	1.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C17533_DAISY-7X1-SHD-MET-MATT	



Light distribution files

LUMILEDS

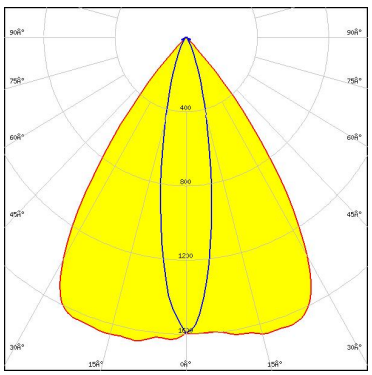
LED	LUXEON HL2Z
FWHM / FWTM	71.0 + 24.0° / 88.0 + 50.0°
Efficiency	83 %
Peak intensity	1.5 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C16872_DAISY-7X1-SHD	



Light distribution files

NICHIA

LED	NCSxE17A
FWHM / FWTM	72.0 + 20.0° / 86.0 + 44.0°
Efficiency	81 %
Peak intensity	1.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C16872_DAISY-7X1-SHD	



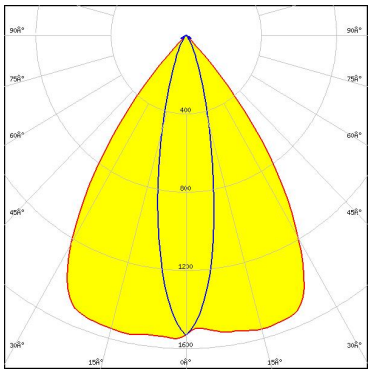
Light distribution files

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (SIMULATED):

NICHIA

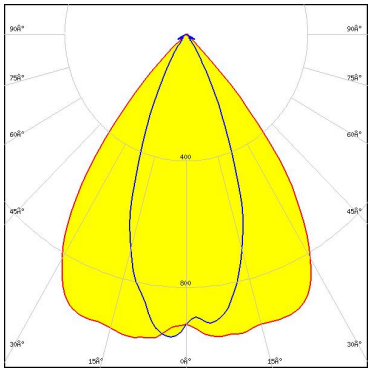
LED	NVSxE21A
FWHM / FWTM	72.0 + 22.0° / 88.0 + 46.0°
Efficiency	80 %
Peak intensity	1.6 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C16872_DAISY-7X1-SHD	



Light distribution files

OSRAM
Opto Semiconductors

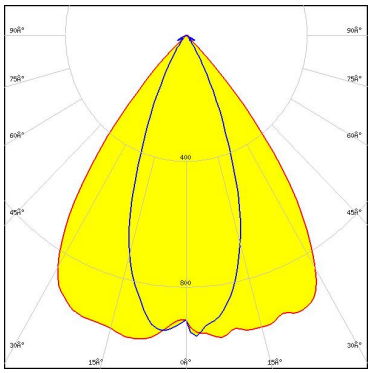
LED	Duris S8
FWHM / FWTM	76.0 + 41.0° / 91.0 + 64.0°
Efficiency	83 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C16872_DAISY-7X1-SHD	



Light distribution files

OSRAM
Opto Semiconductors

LED	OSCONIQ S 5050
FWHM / FWTM	76.0 + 40.0° / 90.0 + 64.0°
Efficiency	83 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C16872_DAISY-7X1-SHD	



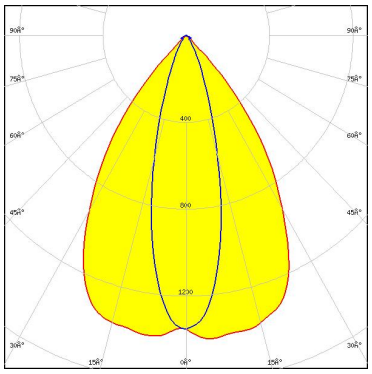
Light distribution files

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

OPTICAL RESULTS (SIMULATED):

SAMSUNG

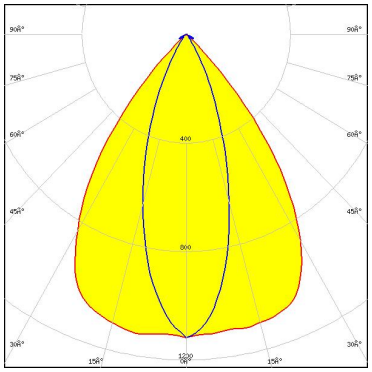
LED	LH231B
FWHM / FWTM	70.0 + 28.0° / 90.0 + 54.0°
Efficiency	81 %
Peak intensity	1.4 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C16872_DAISY-7X1-SHD	



Light distribution files

SAMSUNG

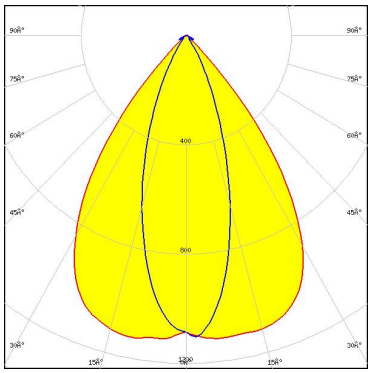
LED	LM28xB Series
FWHM / FWTM	73.0 + 34.0° / 91.0 + 62.0°
Efficiency	82 %
Peak intensity	1.1 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C16872_DAISY-7X1-SHD	



Light distribution files

SAMSUNG

LED	LM28xB Series
FWHM / FWTM	73.0 + 34.0° / 91.0 + 62.0°
Efficiency	82 %
Peak intensity	1.1 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C17051_DAISY-7X1-SHD-MATT	



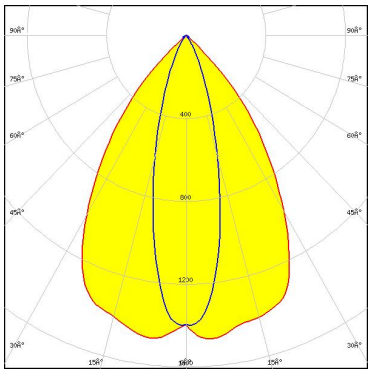
Light distribution files

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OPTICAL RESULTS (SIMULATED):

SAMSUNG

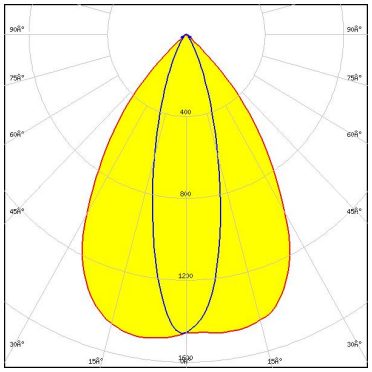
LED	LM301B
FWHM / FWTM	70.0 + 27.0° / 94.0 + 54.0°
Efficiency	85 %
Peak intensity	1.5 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C16872_DAISY-7X1-SHD	



Light distribution files

SAMSUNG

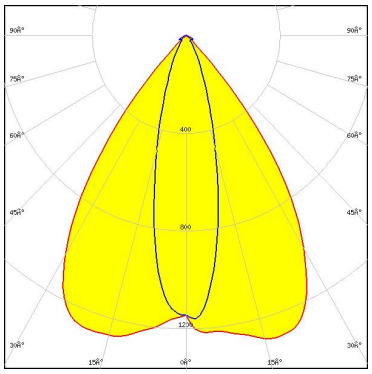
LED	LM301B
FWHM / FWTM	70.0 + 27.0° / 94.0 + 56.0°
Efficiency	88 %
Peak intensity	1.5 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C17051_DAISY-7X1-SHD-MATT	



Light distribution files

SEOUL SEMICONDUCTOR

LED	Z8Y22
FWHM / FWTM	72.0 + 26.0° / 90.0 + 56.0°
Efficiency	76 %
Peak intensity	1.3 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C16872_DAISY-7X1-SHD	



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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