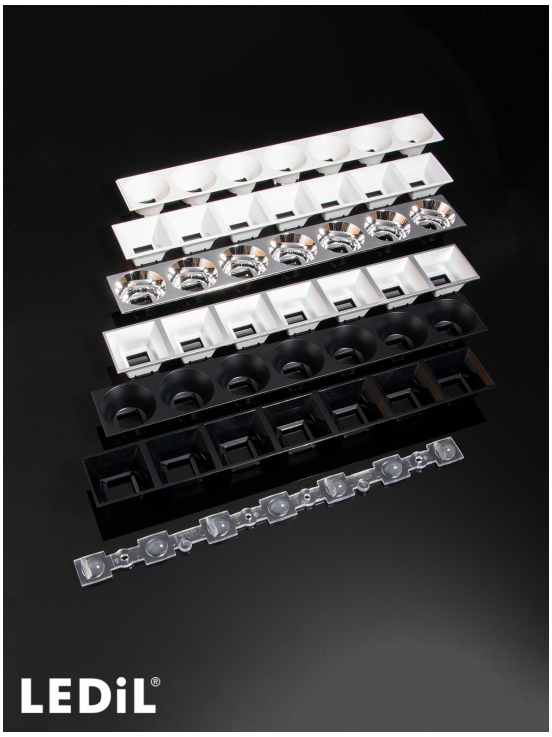
DAISY-7X1-FT-D

Forward throwing beam for freestanding office luminaires.



SPECIFICATION:

Dimensions	40.0 x 259.0
Height	20.3 mm
Fastening	pin, screw
ROHS compliant	yes

MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
DAISY-7X1-FT-D	Linear lens	PMMA	milky		
» Box size: 400 x 300 x 300 mm					
DAISY-7X1-SHD	Shade	PC	black	gloss	
» Box size: 595 x 360 x 230 mm					
DAISY-7X1-SHD-WHT	Shade	PC	white	gloss	
» Box size: 595 x 360 x 230 mm					
DAISY-7X1-SHD-MATT	Shade	PC-ABS	black	matt	
» Box size: 595 x 360 x 230 mm					
DAISY-7X1-SHD-WHT-MATT	Shade	PC	white	matt	
» Box size: 595 x 360 x 230 mm					
DAISY-7X1-SHD-MET	Shade	PC	metal	gloss	
» Box size: 595 x 360 x 230 mm					
DAISY-7X1-SHD-MET-MATT	Shade	PC	metal	matt	
» Box size: 595 x 360 x 230 mm					
DAISY-7X1-SHD3	Shade	PC	black	gloss	
» Box size: 595 x 360 x 230 mm					
DAISY-7X1-SHD3-MATT	Shade	PC-ABS	black	matt	
» Box size: 595 x 360 x 230 mm					
DAISY-7X1-SHD3-WHT	Shade	PC	white	gloss	

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

» Box size: 595 x 360 x 230 mm				
DAISY-7X1-SHD3-WHT-MATT	Shade	PC	white	matt
» Box size: 595 x 360 x 230 mm				
DAISY-7X1-SHD3-MET	Shade	PC	metal	gloss
» Box size: 595 x 360 x 230 mm				
DAISY-7X1-SHD3-MET-MATT	Shade	PC-ABS	metal	matt
» Box size: 595 x 360 x 230 mm				
DAISY-7X1-SHD-MATT-RED	Shade	PC	red	matt
» Box size: 595 x 360 x 230 mm				
DAISY-7X1-SHD-MATT-GR	Shade	PC	grey	matt
» Box size: 595 x 360 x 230 mm				
DAISY-7X1-SHD-MATT-GLD	Shade	PC	gold	matt
» Box size: 595 x 360 x 230 mm				
DAISY-7X1-SHD3-MATT-GR	Shade	PC	grey	matt
» Box size: 595 x 360 x 230 mm				
DAISY-7X1-SHD3-MATT-RED	Shade	PC	red	matt
» Box size: 595 x 360 x 230 mm				
DAISY-7X1-SHD3-MATT-GLD	Shade	PC	gold	matt
» Box size: 595 x 360 x 230 mm				
DAISY-7X1-SHD2	Shade	PC	black	gloss
» Box size: 595 x 360 x 230 mm				
DAISY-7X1-SHD2-MATT	Shade	PC-ABS	black	matt
» Box size: 595 x 360 x 230 mm				
DAISY-7X1-SHD2-WHT	Shade	PC	white	gloss
» Box size: 595 x 360 x 230 mm				
DAISY-7X1-SHD2-MATT-WHT	Shade	PC	white	matt
» Box size: 595 x 360 x 230 mm				
DAISY-7X1-SHD2-MET	Shade	PC	metal	gloss
» Box size: 595 x 360 x 230 mm				
DAISY-7X1-SHD2-MET-MATT	Shade	PC-ABS	metal	matt
» Box size: 595 x 360 x 230 mm				

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ORDERING INFORMATION:

Quantities for one set:

Linear lens	1
Shade	1

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Component	Qty in box	MOQ	MPQ	Box weight (kg)
C18244_DAISY-7X1-FT-D	312	312	24	5.6
C19763_DAISY-7X1-SHD-MATT-RED	156	312	24	7.1
L20012_DAISY-7X1-SHD2-WHT	156	312	24	7.2
C18167_DAISY-7X1-SHD-MET	156	312	24	7.0
C19642_DAISY-7X1-SHD3-MET-MATT	156	312	24	5.7
L20011_DAISY-7X1-SHD2-MATT	156	312	24	6.7
C17225_DAISY-7X1-SHD-WHT-MATT	156	312	24	7.6
C19641_DAISY-7X1-SHD3-MET	156	312	24	6.1
L20010_DAISY-7X1-SHD2	156	312	24	6.9
C17051_DAISY-7X1-SHD-MATT	156	312	24	7.3
C19315_DAISY-7X1-SHD3-WHT-MATT	156	312	24	6.2
C19855_DAISY-7X1-SHD3-MATT-GLD	156	312	24	6.2
C16876_DAISY-7X1-SHD-WHT	156	312	24	7.6
C19314_DAISY-7X1-SHD3-WHT	156	312	24	6.3
C19854_DAISY-7X1-SHD3-MATT-RED	156	312	24	6.2
C16872_DAISY-7X1-SHD	156	312	24	7.1
C19313_DAISY-7X1-SHD3-MATT	156	312	24	5.8
C19853_DAISY-7X1-SHD3-MATT-GR	156	312	24	7.1
L20015_DAISY-7X1-SHD2-MET-MATT	156	312	24	6.8

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C19852_DAISY-7X1-SHD-MATT-GLD	156	312	24	7.1
L20014_DAISY-7X1-SHD2-MET	156	312	24	7.0
C18409_DAISY-7X1-SHD-MET-MATT	156	312	24	7.0
C19764_DAISY-7X1-SHD-MATT-GR	156	312	24	5.7
L20013_DAISY-7X1-SHD2-MATT-WHT	156	312	24	7.1

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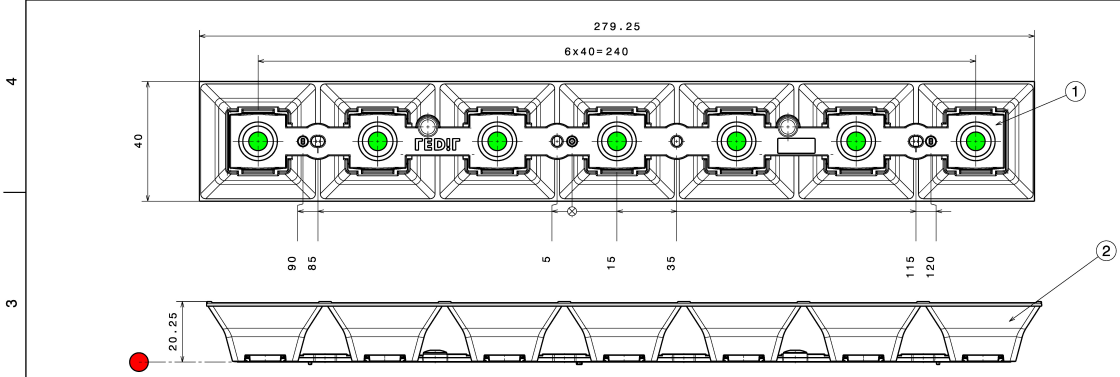
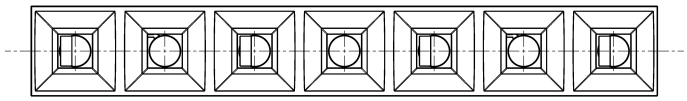
DATE
23.10.2024





Top view
Scale: 3:4

CN18245_DAISY-7X1-FT-D

COMPONENTS

INDEX	QTY.	PART	TYPE	MATERIAL	COLOR / COATING
1	1	C18244_DAISY-7X1-FT-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
		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:

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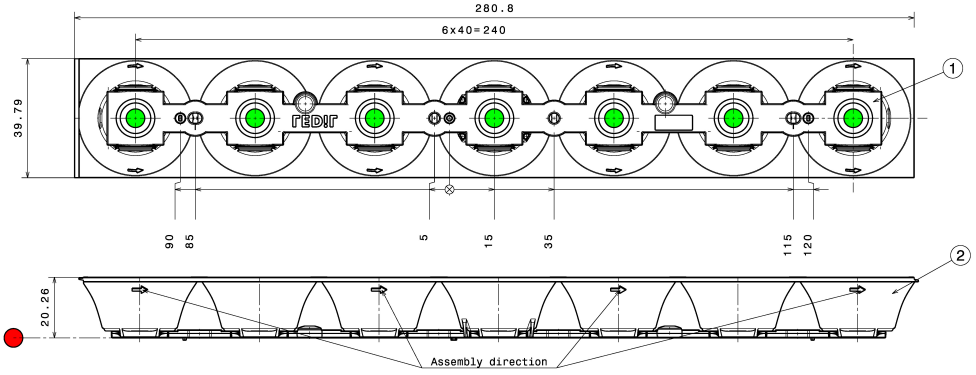
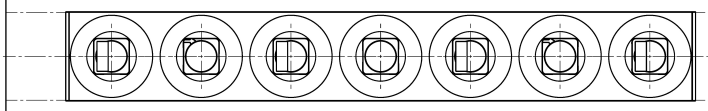
SCALE 1:1 | WEIGHT - | A3 | SHEET 1/3

Notes

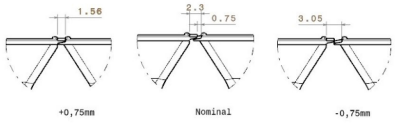
PCB or heatsink level.
LED location
Ensure LED fitting from a product specific 3D model available from www.ledil.com
For more details about installation please see LEDiL Installation Guide on www.ledil.com

DATE
23.10.2024





Top view
Scale: 3:4



CN18245_DAISY-7X1-FT-D

COMPONENTS

INDEX	QTY.	PART	TYPE	MATERIAL	COLOR / COATING
1	1	C18244_DAISY-7X1-FT-D	LENS	PMMA	DF21 Diffusive
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:

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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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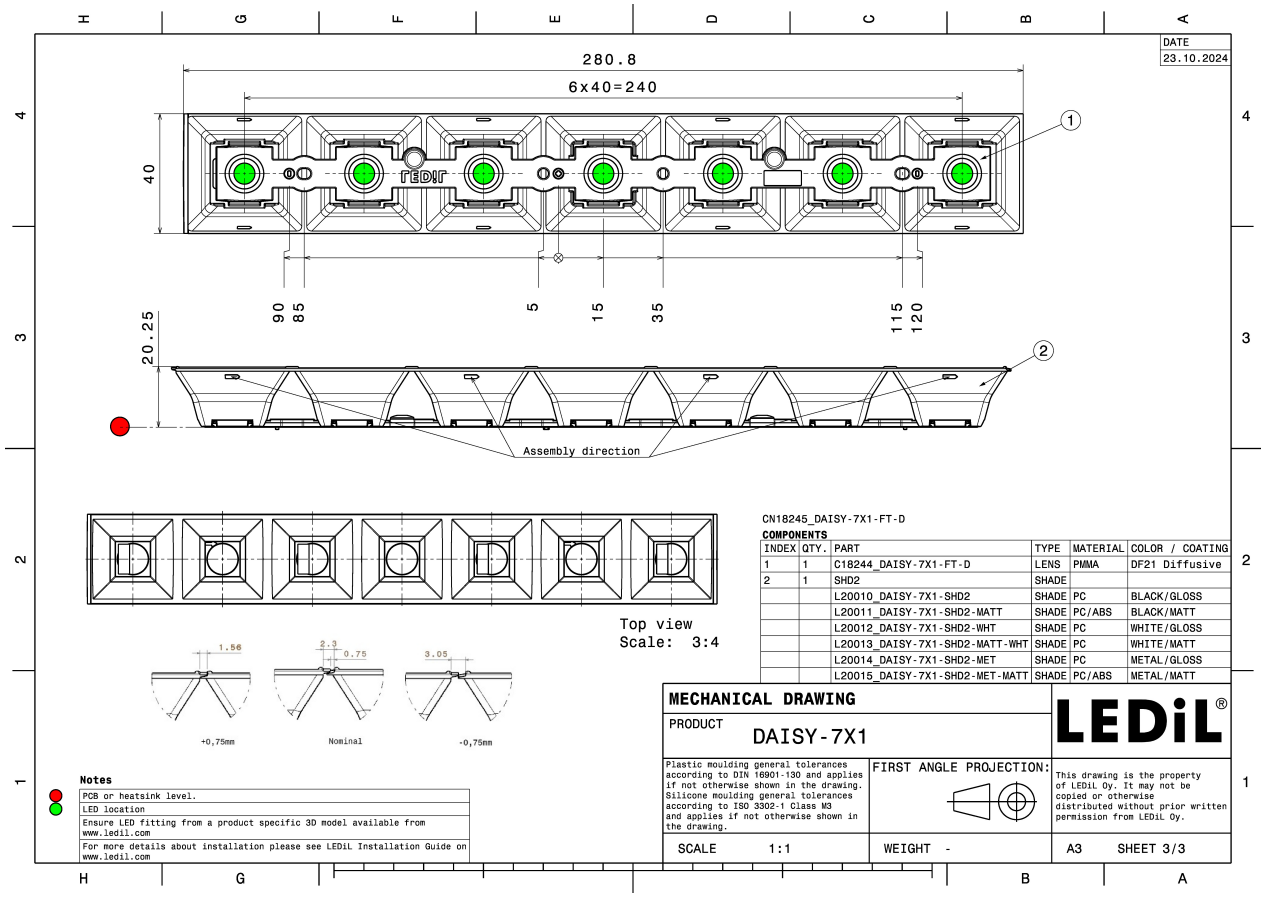

CN18245_DAISY-7X1-FT-D

COMPONENTS

INDEX	QTY.	PART	TYPE	MATERIAL	COLOR / COATING
1	1	C18244_DAISY-7X1-FT-D	LENS	PMMA	DF21 Diffusive
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

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

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:

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

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

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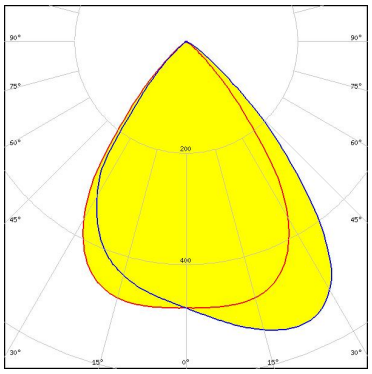
OPTICAL RESULTS (MEASURED):

inventronics

LED	PL-LIN-2000 280x24mm
FWHM / FWTM	Asymmetric
Efficiency	71 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C17051_DAISY-7X1-SHD-MATT



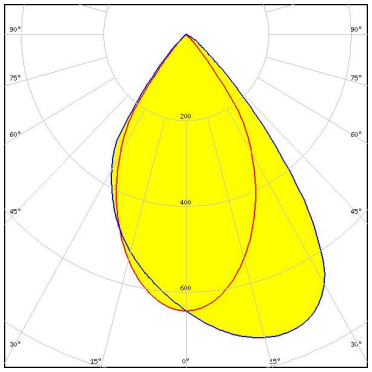


Light distribution files

LUMILEDS

LED	LUXEON HL2Z
FWHM / FWTM	Asymmetric
Efficiency	75 %
Peak intensity	0.7 cd/lm
LEDs/each optic	2
Light colour/type	White

Required components:
C17051_DAISY-7X1-SHD-MATT

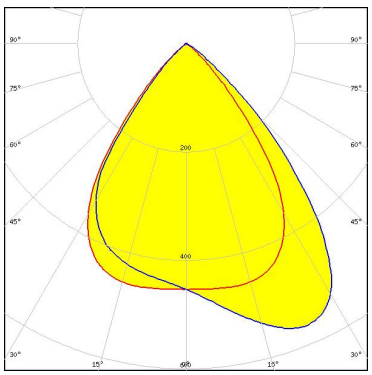


Light distribution files

MST Your solutions

LED	LinLED 280x28mm 1100lm 8x0 2C 42V DAISY-7X1 G1
FWHM / FWTM	Asymmetric
Efficiency	72 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour/type	White

Required components:
C16872_DAISY-7X1-SHD



Light distribution files

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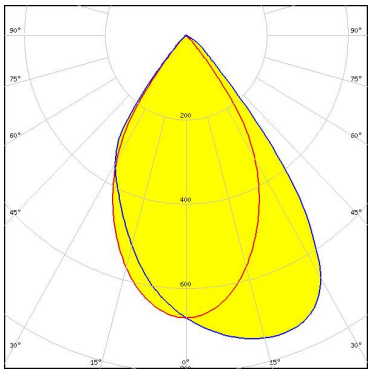
OPTICAL RESULTS (MEASURED):

MST Your solutions

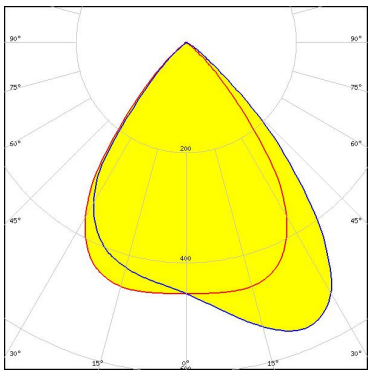
LED	LinLED 280x28mm 1600lm 840 4C 21V DAISY 7x1(ZT25)
FWHM / FWTM	Asymmetric
Efficiency	75 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C16872_DAISY-7X1-SHD	



Light distribution files

MST Your solutions

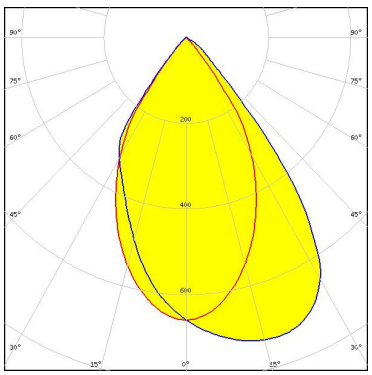
LED	LinLED 280x28mm 2x550lm 827-865 2x2C 42V DAISY-7X1 G1
FWHM / FWTM	Asymmetric
Efficiency	72 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
Light colour/type	Tunable White
Required components:	
C16872_DAISY-7X1-SHD	



Light distribution files

NICHIA

LED	NCSxE17A
FWHM / FWTM	Asymmetric
Efficiency	72 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C17051_DAISY-7X1-SHD-MATT	



Light distribution files

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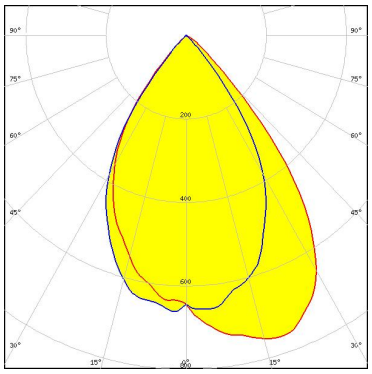
OPTICAL RESULTS (SIMULATED):

LUMILEDS

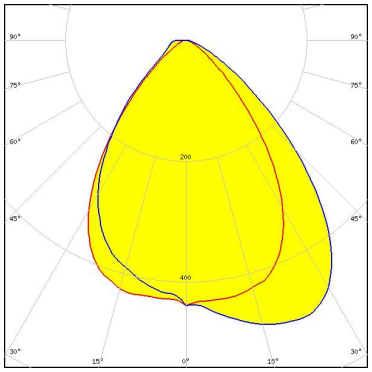
LED	LUXEON 5050 Square LES
FWHM / FWTM	Asymmetric
Efficiency	80 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C16872_DAISY-7X1-SHD	



Light distribution files

MST Your solutions

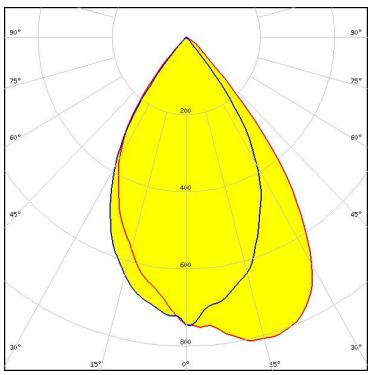
LED	LinLED 280x28mm 1100lm 8x0 2C 42V DAISY-7X1 G1
FWHM / FWTM	Asymmetric
Efficiency	77 %
Peak intensity	0.5 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	



Light distribution files

SAMSUNG

LED	LH231B
FWHM / FWTM	Asymmetric
Efficiency	80 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C16872_DAISY-7X1-SHD	



Light distribution files

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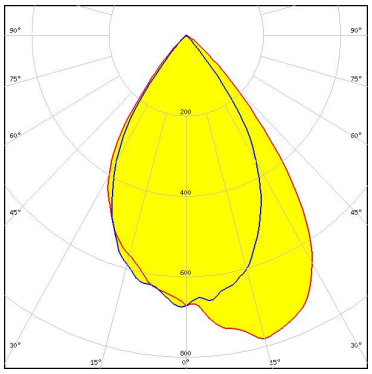
OPTICAL RESULTS (SIMULATED):

SAMSUNG

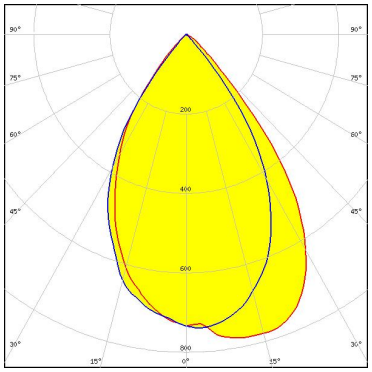
LED	LH231B
FWHM / FWTM	Asymmetric
Efficiency	79 %
Peak intensity	0.8 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C16872_DAISY-7X1-SHD	



Light distribution files

SAMSUNG

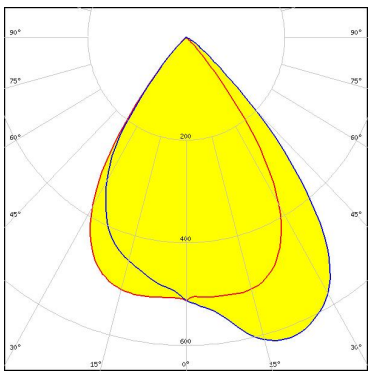
LED	LM28xB Series
FWHM / FWTM	Asymmetric
Efficiency	81 %
Peak intensity	0.8 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C16872_DAISY-7X1-SHD	



Light distribution files

TRIDONIC

LED	LLE 24x280mm 750lm 8x0 LVD ADV1
FWHM / FWTM	Asymmetric
Efficiency	72 %
Peak intensity	0.6 cd/lm
LEDs/each optic	4
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:

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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

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where_to_buy

Shipping locations
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Hong Kong, China

Distribution Partners
www.ledil.com/
where_to_buy

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