DAISY-7X1-O-D

~25 + 70° oval 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	Length
C17540_DAISY-7X1-O-D	Linear lens	PMMA	milky		19.0
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	
C19312_DAISY-7X1-SHD3	Shade	PC	black	gloss	
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:

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Linear [illegible]ns	1
Shade	1

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Component		Qty in box	MOQ	MPQ	Box weight (kg)
C17540_DAISY-7X1-O-D » Box size: 400 x 300 x 300 mm	Linear lens	312	312	24	7.0
C18409_DAISY-7X1-SHD-MET-MATT » Box size: 595 x 360 x 230 mm	Shade	156	312	24	7.0
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
C19312_DAISY-7X1-SHD3 » Box size: 595 x 360 x 230 mm	Shade	156	312	24	6.1
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
C19313_DAISY-7X1-SHD3-MATT » Box size: 595 x 360 x 230 mm	Shade	156	312	24	5.8
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
C18167_DAISY-7X1-SHD-MET » Box size: 595 x 360 x 230 mm	Shade	156	312	24	7.0
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

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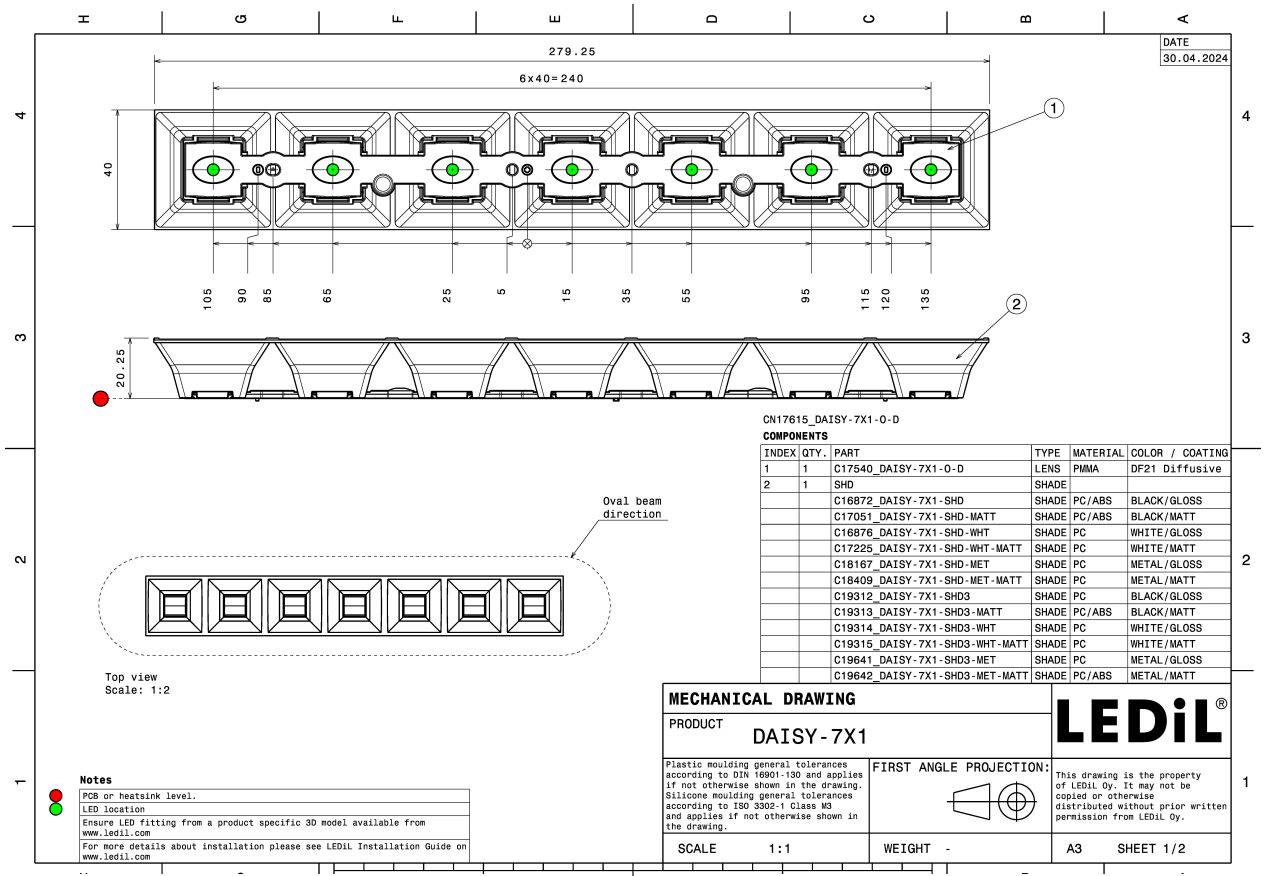

CN17615_DAISY-7X1-O-D

COMPONENTS

INDEX	QTY.	PART	TYPE	MATERIAL	COLOR / COATING
1	1	C17540_DAISY-7X1-O-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
		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

MECHANICAL DRAWING

PRODUCT: DAISY-7X1

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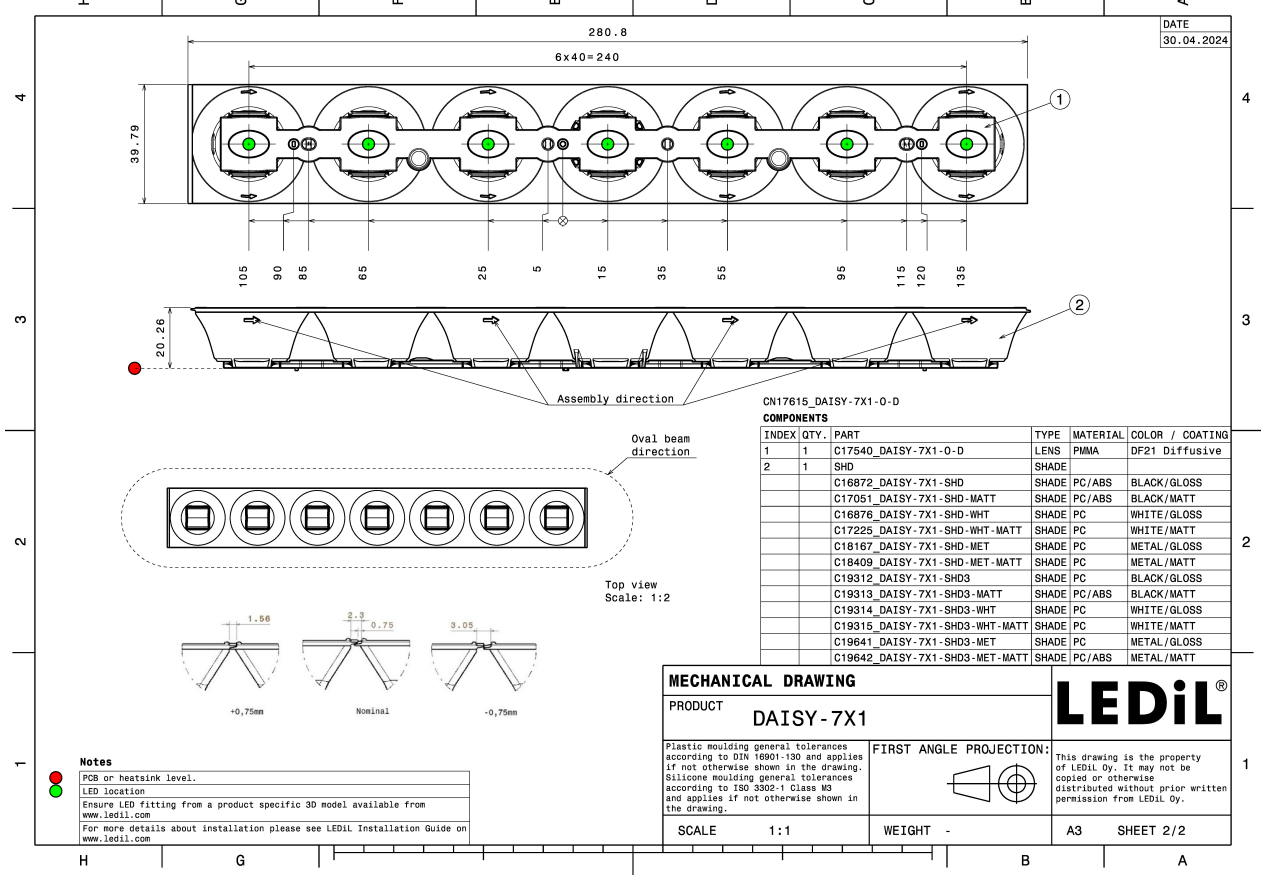
SCALE 1:1 | WEIGHT - | A3 | SHEET 1/2

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



CN17615_DAISY-7X1-O-D

COMPONENTS

INDEX	QTY.	PART	TYPE	MATERIAL	COLOR / COATING
1	1	C17540_DAISY-7X1-O-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
		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

MECHANICAL DRAWING

PRODUCT: DAISY-7X1

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 2/2

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

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

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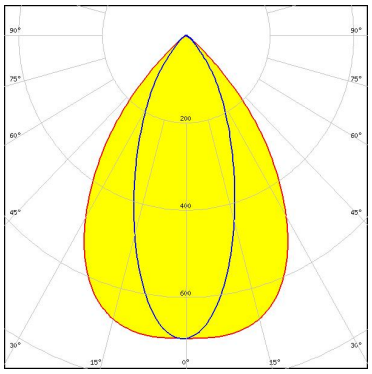
OPTICAL RESULTS (MEASURED):

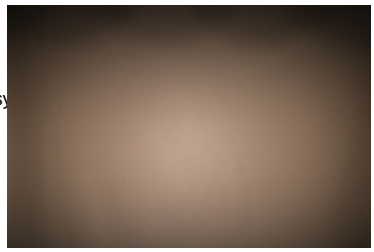
LED	LED Line SMD L28W2 TW Module 20mm 2800Lm Daisy 7
FWHM / FWTM	73.0 + 40.0° / 97.0 + 81.0°
Efficiency	64 %
Peak intensity	0.7 cd/lm
LEDs/each optic	2
Light colour/type	Tunable White
Required components:	
C17051_DAISY-7X1-SHD-MATT	

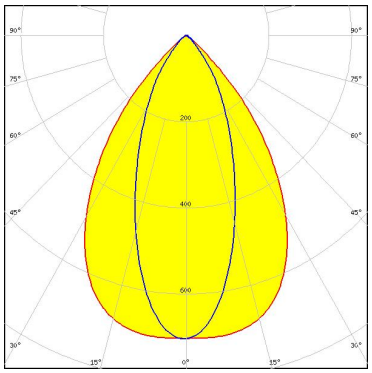




Light distribution files

LED	LED Line SMD L28W2 White Module 20mm 2800Lm Daisy
FWHM / FWTM	72.0 + 40.0° / 97.0 + 80.0°
Efficiency	64 %
Peak intensity	0.7 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C17051_DAISY-7X1-SHD-MATT	

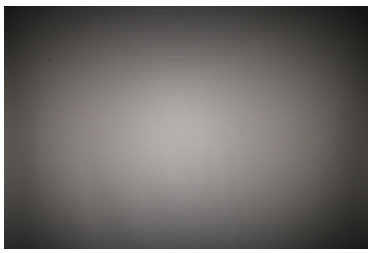


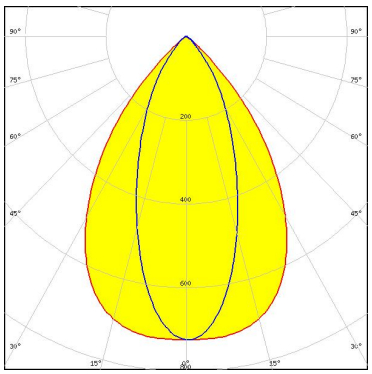


Light distribution files

LUMILEDS

LED	LUXEON HL2Z
FWHM / FWTM	72.0 + 40.0° / 97.0 + 81.0°
Efficiency	66 %
Peak intensity	0.7 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C17051_DAISY-7X1-SHD-MATT	





Light distribution files

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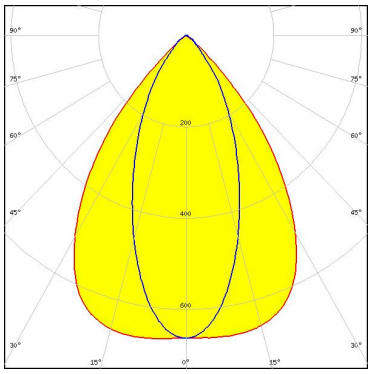
OPTICAL RESULTS (MEASURED):

MST Your solutions

LED	LinLED 280x28mm 1600lm 840 4C 21V DAISY 7x1(ZT25)
FWHM / FWTM	75.0 + 43.0° / 97.0 + 83.0°
Efficiency	66 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:
C16872_DAISY-7X1-SHD





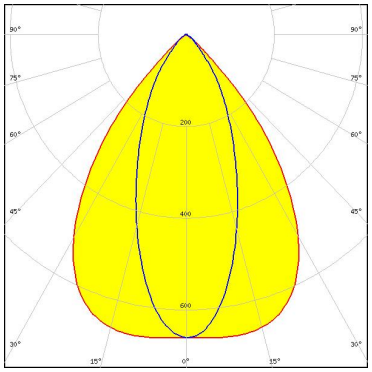
Light distribution files

NICHIA

LED	NCSxE17A
FWHM / FWTM	75.0 + 41.0° / 96.0 + 82.0°
Efficiency	64 %
Peak intensity	0.7 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:
C17051_DAISY-7X1-SHD-MATT



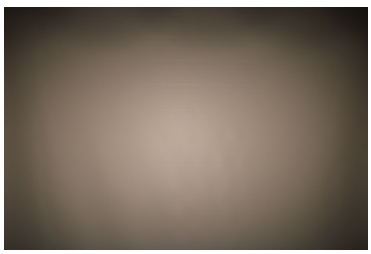


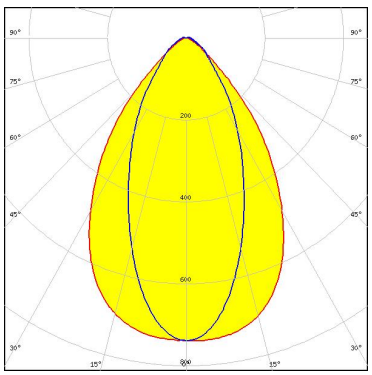
Light distribution files

SAMSUNG

LED	LH231B
FWHM / FWTM	72.0 + 47.0° / 104.0 + 100.0°
Efficiency	85 %
Peak intensity	0.7 cd/lm
LEDs/each optic	2
Light colour/type	White

Required components:
C16876_DAISY-7X1-SHD-WHT





Light distribution files

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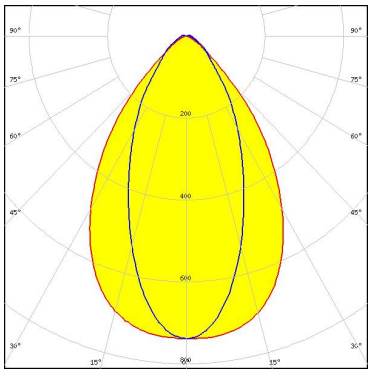
OPTICAL RESULTS (MEASURED):

SAMSUNG

LED	LH231B
FWHM / FWTM	72.0 + 46.0° / 104.0 + 100.0°
Efficiency	86 %
Peak intensity	0.7 cd/lm
LEDs/each optic	2
Light colour/type	White

Required components:
C17225_DAISY-7X1-SHD-WHT-MATT





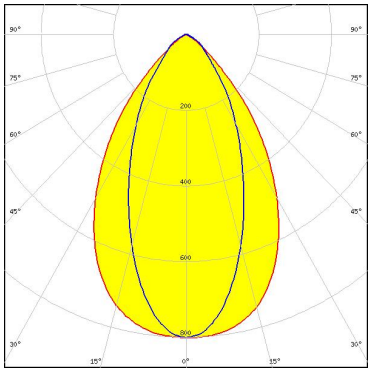
Light distribution files

SAMSUNG

LED	LH231B
FWHM / FWTM	69.0 + 46.0° / 101.0 + 94.0°
Efficiency	84 %
Peak intensity	0.8 cd/lm
LEDs/each optic	2
Light colour/type	White

Required components:
C17533_DAISY-7X1-SHD-MET-MATT





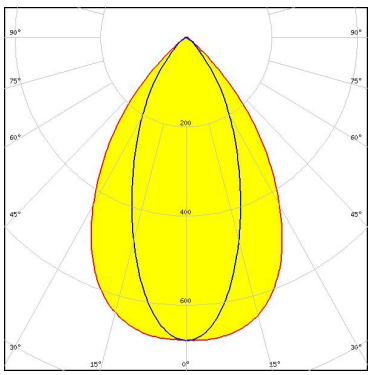
Light distribution files

SAMSUNG

LED	LH231B
FWHM / FWTM	70.0 + 43.0° / 99.0 + 84.0°
Efficiency	65 %
Peak intensity	0.7 cd/lm
LEDs/each optic	2
Light colour/type	White

Required components:
C16872_DAISY-7X1-SHD





Light distribution files

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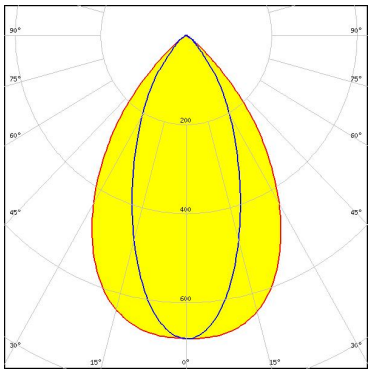
OPTICAL RESULTS (MEASURED):

SAMSUNG

LED	LH231B
FWHM / FWTM	70.0 + 43.0° / 99.0 + 83.0°
Efficiency	65 %
Peak intensity	0.7 cd/lm
LEDs/each optic	2
Light colour/type	White

Required components:
C17051_DAISY-7X1-SHD-MATT





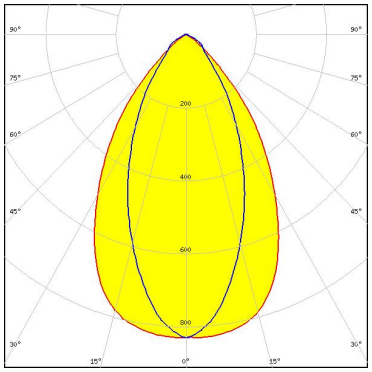
Light distribution files

SAMSUNG

LED	LH231B
FWHM / FWTM	68.0 + 47.0° / 100.0 + 93.0°
Efficiency	86 %
Peak intensity	0.8 cd/lm
LEDs/each optic	2
Light colour/type	White

Required components:
C18167_DAISY-7X1-SHD-MET





Light distribution files

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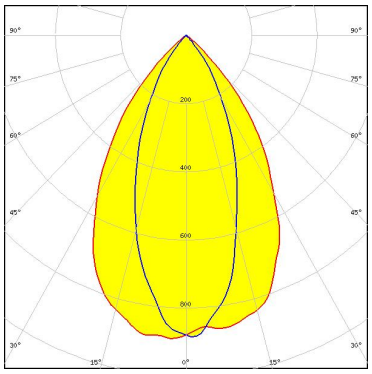
OPTICAL RESULTS (SIMULATED):

LUMILEDS

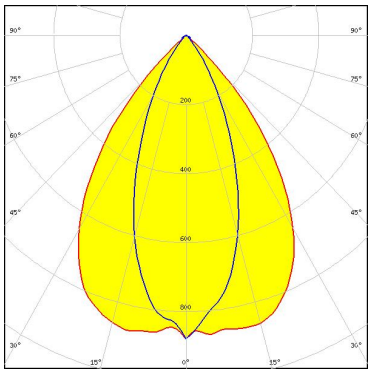
LED	LUXEON 2835 Line
FWHM / FWTM	68.0 + 41.0° / 96.0 + 77.0°
Efficiency	74 %
Peak intensity	0.9 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C16872_DAISY-7X1-SHD	



Light distribution files

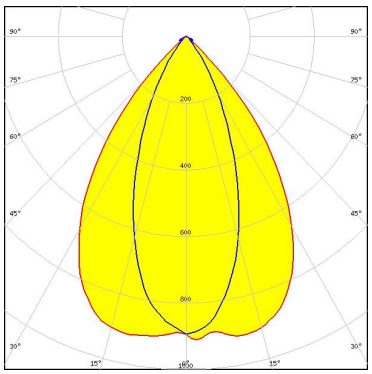
LUMILEDS

LED	LUXEON 5050 HE
FWHM / FWTM	74.0 + 40.0° / 94.0 + 72.0°
Efficiency	76 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C17051_DAISY-7X1-SHD-MATT	



LUMILEDS

LED	LUXEON 5050 HE
FWHM / FWTM	74.0 + 42.0° / 94.0 + 74.0°
Efficiency	80 %
Peak intensity	0.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C17533_DAISY-7X1-SHD-MET-MATT	



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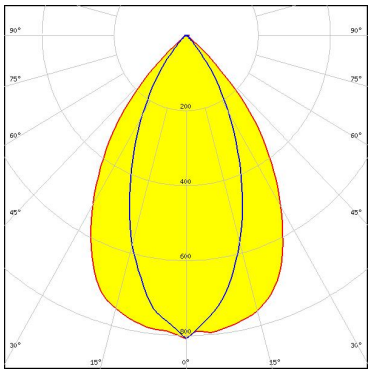
OPTICAL RESULTS (SIMULATED):

SAMSUNG

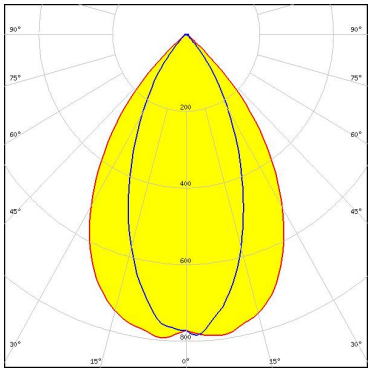
LED	LM28xB Series
FWHM / FWTM	70.0 + 44.0° / 96.0 + 80.0°
Efficiency	74 %
Peak intensity	0.8 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C16872_DAISY-7X1-SHD	



Light distribution files

SAMSUNG

LED	LM28xB Series
FWHM / FWTM	71.0 + 46.0° / 96.0 + 80.0°
Efficiency	74 %
Peak intensity	0.8 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C17051_DAISY-7X1-SHD-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:

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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Finland

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P.R.CHINA

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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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