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	Length
C18143_DAISY-7X1-M-D	Linear lens	PMMA			19.0
C19642_DAISY-7X1-SHD3-MET-MATT	Shade	PC	metal	matt	40.0
C19641_DAISY-7X1-SHD3-MET	Shade	PC	metal	gloss	40.0
C19315_DAISY-7X1-SHD3-WHT-MATT	Shade	PC	white	matt	40.0
C19314_DAISY-7X1-SHD3-WHT	Shade	PC	white	gloss	40.0
C19313_DAISY-7X1-SHD3-MATT	Shade	PC	black	matt	40.0
C19312_DAISY-7X1-SHD3	Shade	PC	black	gloss	40.0
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

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Component		Qty in box	MOQ	MPQ	Box weight (kg)
C18143_DAISY-7X1-M-D » Box size: 400 x 300 x 300 mm	Linear lens	312	312	24	6.4
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
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

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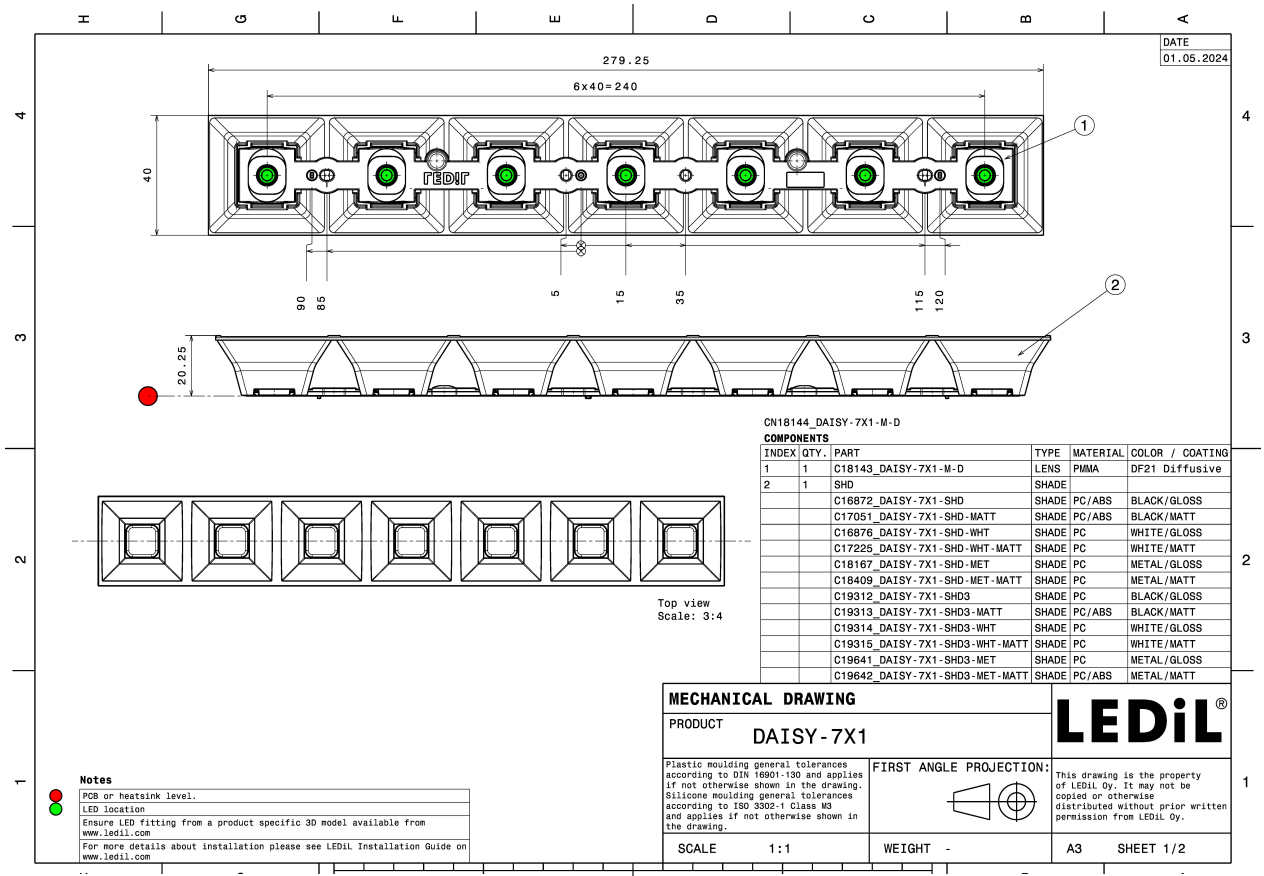

CN18144_DAISY-7X1-M-D

COMPONENTS

INDEX	QTY.	PART	TYPE	MATERIAL	COLOR / COATING
1	1	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
		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

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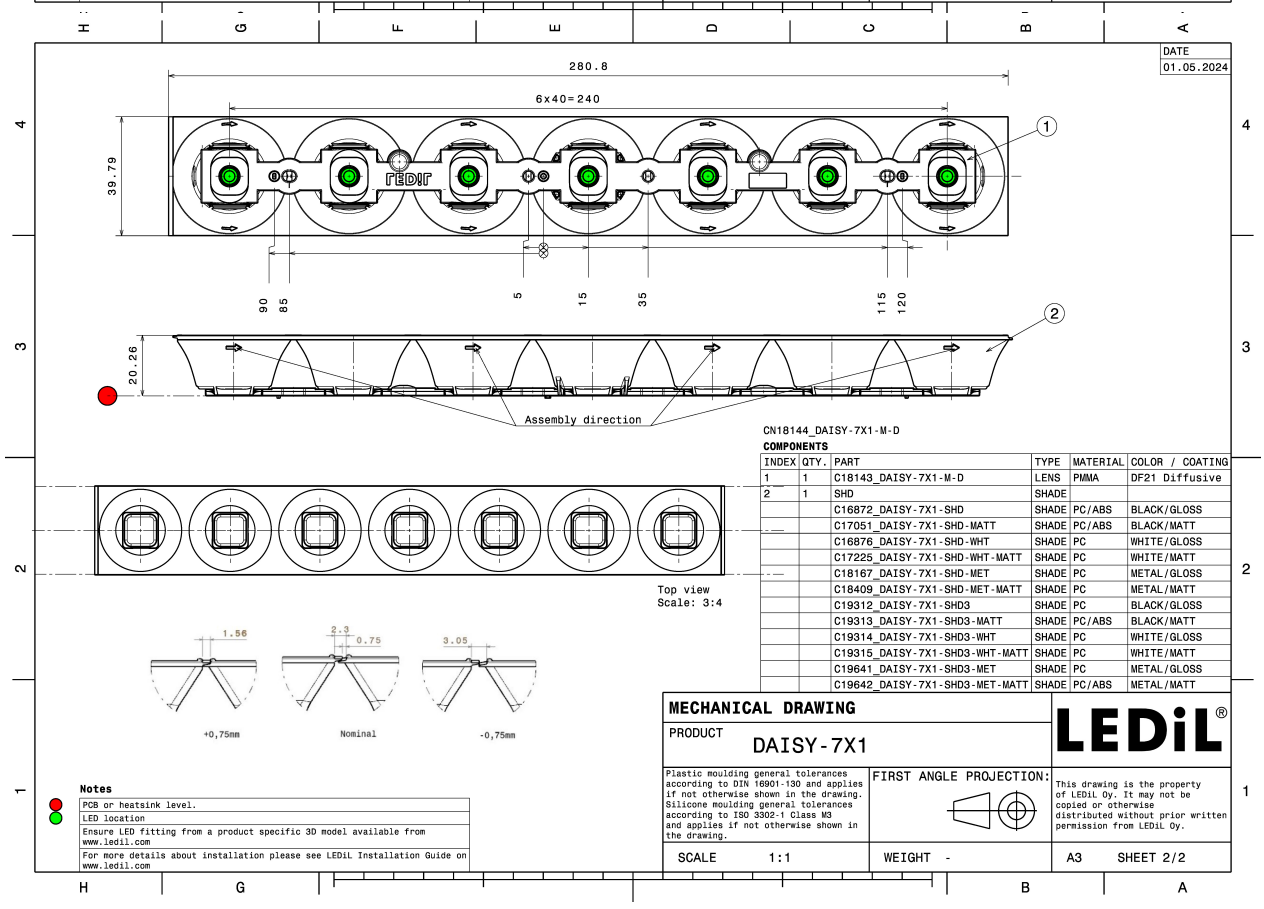
SCALE 1:1 | WEIGHT - | A3 | SHEET 1/2

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



CN18144_DAISY-7X1-M-D

COMPONENTS

INDEX	QTY.	PART	TYPE	MATERIAL	COLOR / COATING
1	1	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
		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

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 2/2

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):

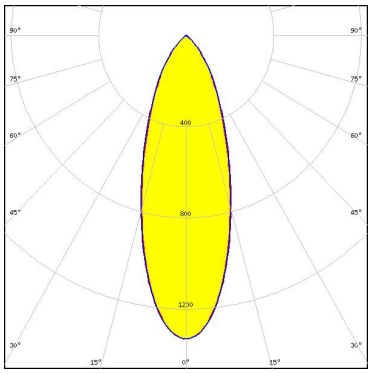
MST Your solutions

LED	LinLED 280x28mm 1600lm 840 4C 21V DAISY 7x1(ZT25)
FWHM / FWTM	35.0° / 77.0°
Efficiency	74 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:

C16872_DAISY-7X1-SHD





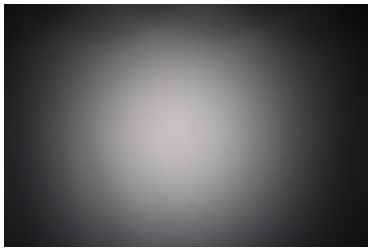
Light distribution files

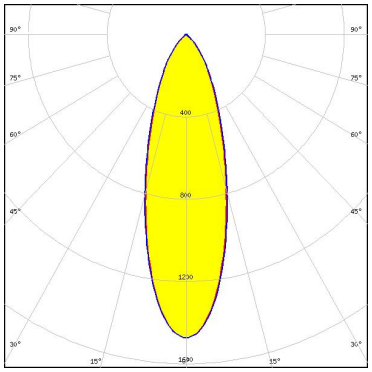
NICHIA

LED	NCSxE17A
FWHM / FWTM	32.0° / 74.0°
Efficiency	72 %
Peak intensity	1.5 cd/lm
LEDs/each optic	1
Light colour/type	White

Required components:

C17051_DAISY-7X1-SHD-MATT





Light distribution files

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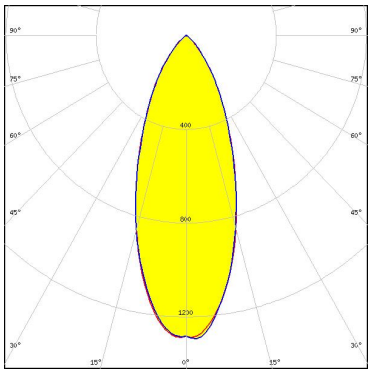
OPTICAL RESULTS (SIMULATED):

LUMILEDS

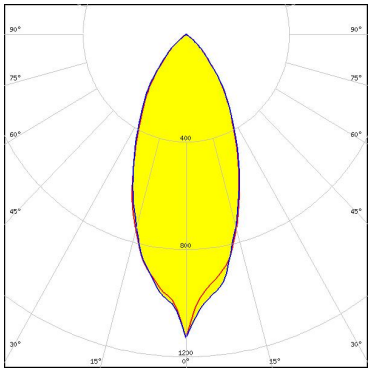
LED	LUXEON 2835 Line
FWHM / FWTM	40.0° / 80.0°
Efficiency	77 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C16872_DAISY-7X1-SHD	



Light distribution files

LUMILEDS

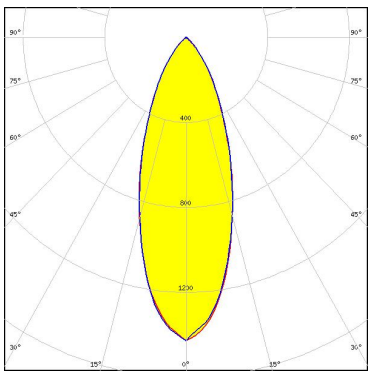
LED	LUXEON 2835 Line
FWHM / FWTM	43.0° / 88.0°
Efficiency	79 %
Peak intensity	1.1 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C16872_DAISY-7X1-SHD	



Light distribution files

LUMILEDS

LED	LUXEON 3020
FWHM / FWTM	37.0° / 76.0°
Efficiency	77 %
Peak intensity	1.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	
C16872_DAISY-7X1-SHD	



Light distribution files

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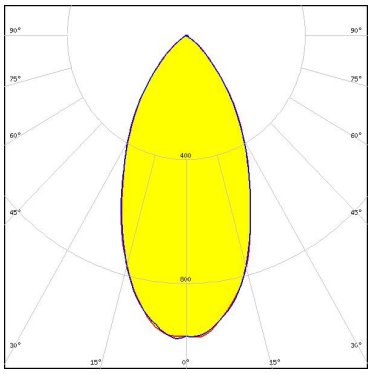
OPTICAL RESULTS (SIMULATED):

NICHIA

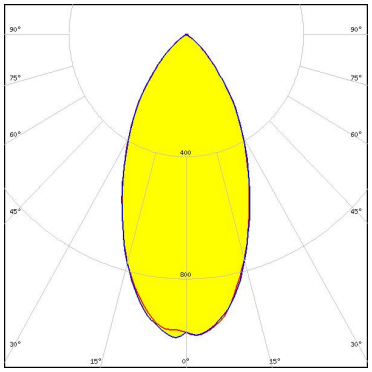
LED	NF2W757G-MT (Tunable White)
FWHM / FWTM	51.0° / 94.0°
Efficiency	86 %
Peak intensity	1 cd/lm
LEDs/each optic	2
Light colour/type	Tunable White
Required components:	
C16876_DAISY-7X1-SHD-WHT	



Light distribution files

NICHIA

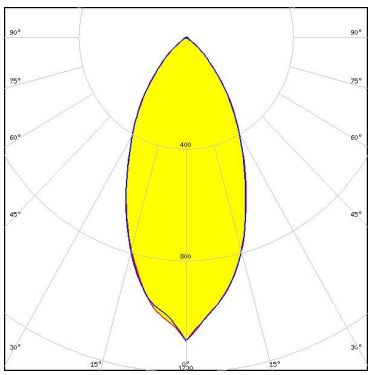
LED	NF2W757G-MT (Tunable White)
FWHM / FWTM	50.0° / 94.0°
Efficiency	86 %
Peak intensity	1 cd/lm
LEDs/each optic	2
Light colour/type	Tunable White
Required components:	
C17225_DAISY-7X1-SHD-WHT-MATT	



Light distribution files

NICHIA

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/type	Tunable White
Required components:	
C17533_DAISY-7X1-SHD-MET-MATT	



Light distribution files

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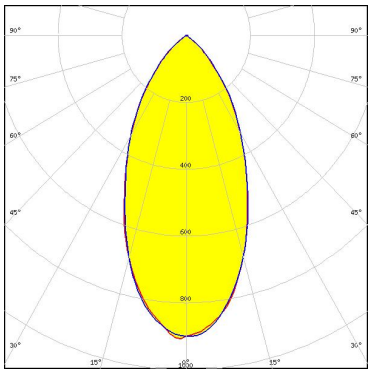
OPTICAL RESULTS (SIMULATED):

NICHIA

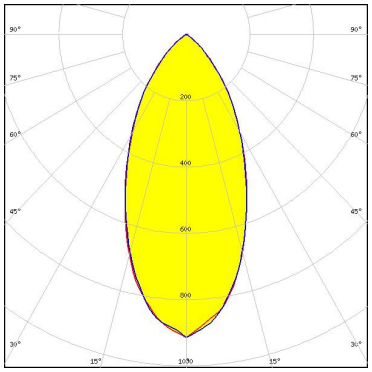
LED	NF2W757G-MT (Tunable White)
FWHM / FWTM	50.0° / 94.0°
Efficiency	76 %
Peak intensity	0.9 cd/lm
LEDs/each optic	2
Light colour/type	Tunable White
Required components:	
C16872_DAISY-7X1-SHD	



Light distribution files

NICHIA

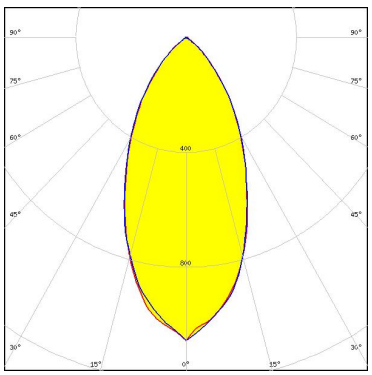
LED	NF2W757G-MT (Tunable White)
FWHM / FWTM	48.0° / 94.0°
Efficiency	75 %
Peak intensity	0.9 cd/lm
LEDs/each optic	2
Light colour/type	Tunable White
Required components:	
C17051_DAISY-7X1-SHD-MATT	



Light distribution files

NICHIA

LED	NF2W757G-MT (Tunable White)
FWHM / FWTM	48.0° / 94.0°
Efficiency	88 %
Peak intensity	1.1 cd/lm
LEDs/each optic	2
Light colour/type	Tunable White
Required components:	
C18167_DAISY-7X1-SHD-MET	



Light distribution files

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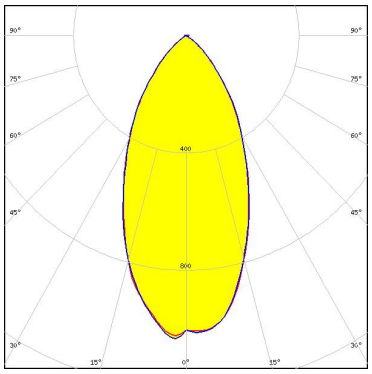
OPTICAL RESULTS (SIMULATED):

NICHIA

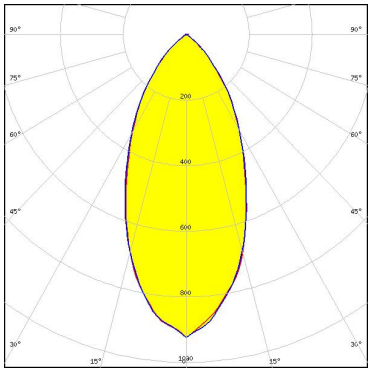
LED	NF2W757H
FWHM / FWTM	50.0° / 94.0°
Efficiency	88 %
Peak intensity	1 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C17533_DAISY-7X1-SHD-MET-MATT	



Light distribution files

NICHIA

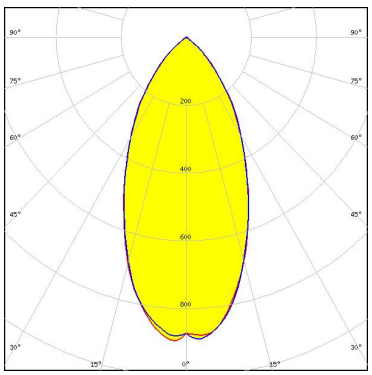
LED	NF2W757H
FWHM / FWTM	48.0° / 94.0°
Efficiency	76 %
Peak intensity	0.9 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C16872_DAISY-7X1-SHD	



Light distribution files

NICHIA

LED	NF2W757H
FWHM / FWTM	50.0° / 94.0°
Efficiency	75 %
Peak intensity	0.9 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C17051_DAISY-7X1-SHD-MATT	



Light distribution files

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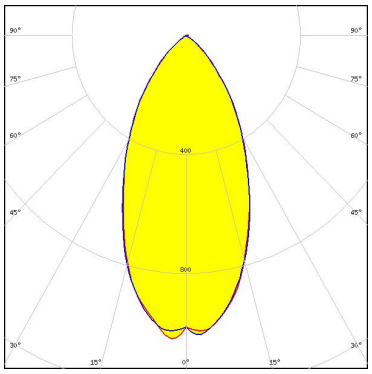
OPTICAL RESULTS (SIMULATED):

NICHIA

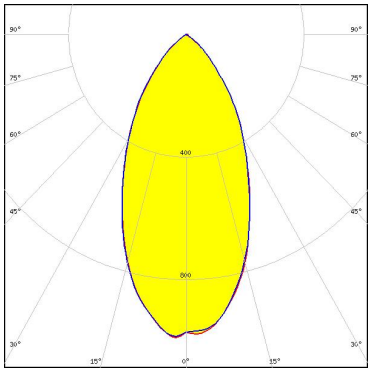
LED	NF2W757H
FWHM / FWTM	50.0° / 94.0°
Efficiency	88 %
Peak intensity	1 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C18167_DAISY-7X1-SHD-MET	



Light distribution files

NICHIA

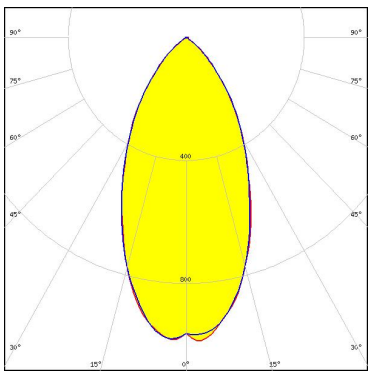
LED	NF2W757H
FWHM / FWTM	50.0° / 94.0°
Efficiency	86 %
Peak intensity	1 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C16876_DAISY-7X1-SHD-WHT	



Light distribution files

NICHIA

LED	NF2W757H
FWHM / FWTM	51.0° / 94.0°
Efficiency	86 %
Peak intensity	1 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C17225_DAISY-7X1-SHD-WHT-MATT	



Light distribution files

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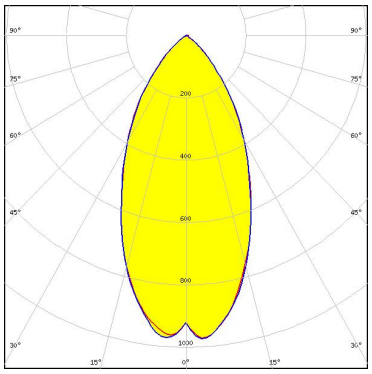
OPTICAL RESULTS (SIMULATED):

NICHIA

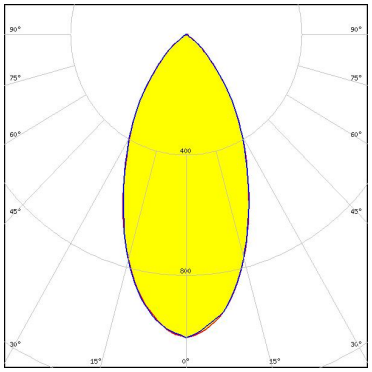
LED	NF2x757G
FWHM / FWTM	52.0° / 94.0°
Efficiency	86 %
Peak intensity	1 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C16876_DAISY-7X1-SHD-WHT	



Light distribution files

NICHIA

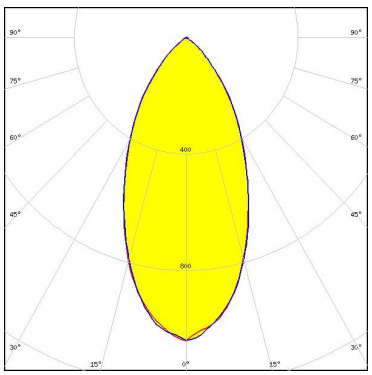
LED	NF2x757G
FWHM / FWTM	50.0° / 94.0°
Efficiency	86 %
Peak intensity	1 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C17225_DAISY-7X1-SHD-WHT-MATT	



Light distribution files

NICHIA

LED	NF2x757G
FWHM / FWTM	50.0° / 94.0°
Efficiency	88 %
Peak intensity	1 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C17533_DAISY-7X1-SHD-MET-MATT	



Light distribution files

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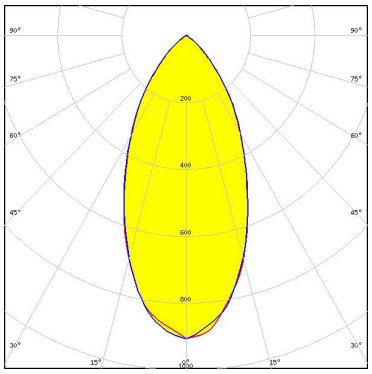
OPTICAL RESULTS (SIMULATED):

NICHIA

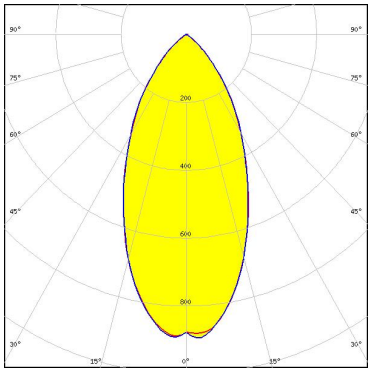
LED	NF2x757G
FWHM / FWTM	48.0° / 93.0°
Efficiency	75 %
Peak intensity	0.9 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C16872_DAISY-7X1-SHD	



Light distribution files

NICHIA

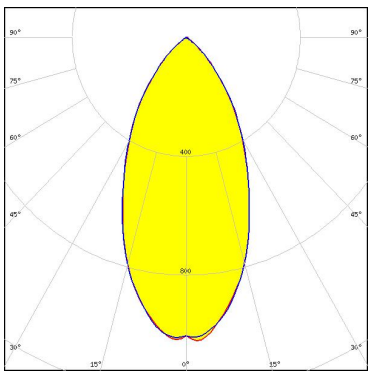
LED	NF2x757G
FWHM / FWTM	50.0° / 94.0°
Efficiency	75 %
Peak intensity	0.9 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C17051_DAISY-7X1-SHD-MATT	



Light distribution files

NICHIA

LED	NF2x757G
FWHM / FWTM	50.0° / 94.0°
Efficiency	88 %
Peak intensity	1 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C18167_DAISY-7X1-SHD-MET	



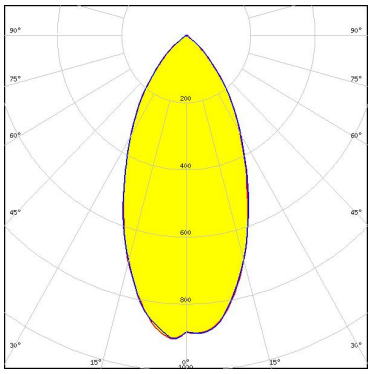
Light distribution files

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

OPTICAL RESULTS (SIMULATED):

NICHIA

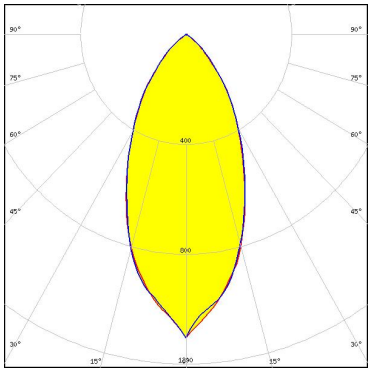
LED	NFSW757H
FWHM / FWTM	50.0° / 94.0°
Efficiency	76 %
Peak intensity	0.9 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C17051_DAISY-7X1-SHD-MATT	



Light distribution files

NICHIA

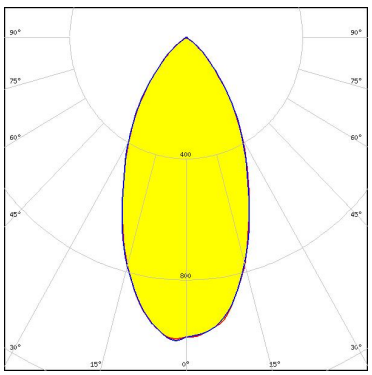
LED	NFSW757H
FWHM / FWTM	48.0° / 92.0°
Efficiency	88 %
Peak intensity	1.1 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C18167_DAISY-7X1-SHD-MET	



Light distribution files

NICHIA

LED	NFSW757H
FWHM / FWTM	50.0° / 94.0°
Efficiency	86 %
Peak intensity	1 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C16876_DAISY-7X1-SHD-WHT	



Light distribution files

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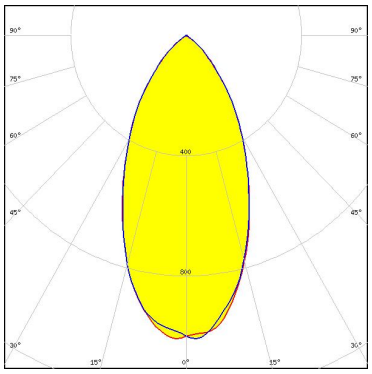
OPTICAL RESULTS (SIMULATED):

NICHIA

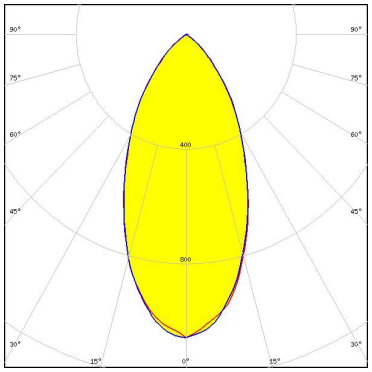
LED	NFSW757H
FWHM / FWTM	50.0° / 94.0°
Efficiency	86 %
Peak intensity	1 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C17225_DAISY-7X1-SHD-WHT-MATT	



Light distribution files

NICHIA

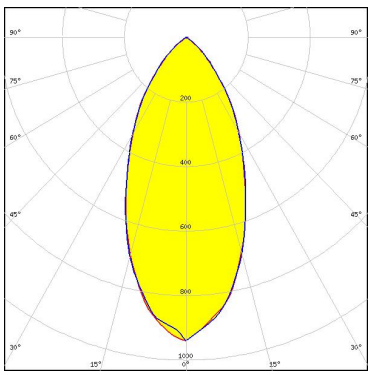
LED	NFSW757H
FWHM / FWTM	50.0° / 94.0°
Efficiency	88 %
Peak intensity	1.1 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C17533_DAISY-7X1-SHD-MET-MATT	



Light distribution files

NICHIA

LED	NFSW757H
FWHM / FWTM	48.0° / 93.0°
Efficiency	76 %
Peak intensity	0.9 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C16872_DAISY-7X1-SHD	



Light distribution files

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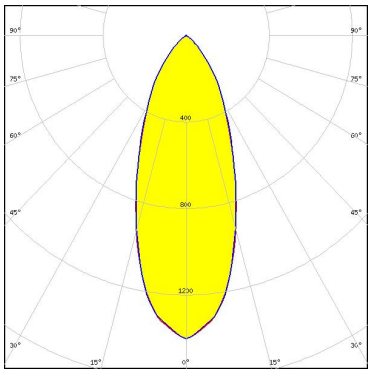
OPTICAL RESULTS (SIMULATED):

SAMSUNG

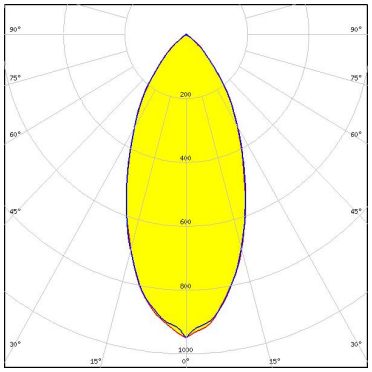
LED	LM28xB Series
FWHM / FWTM	40.0° / 82.0°
Efficiency	87 %
Peak intensity	1.4 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C17051_DAISY-7X1-SHD-MATT	



Light distribution files

SAMSUNG

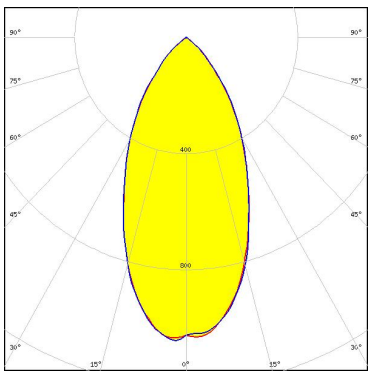
LED	LM301Z Plus
FWHM / FWTM	48.0° / 92.0°
Efficiency	75 %
Peak intensity	1 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C17051_DAISY-7X1-SHD-MATT	



Light distribution files

SAMSUNG

LED	LM301Z Plus
FWHM / FWTM	50.0° / 92.0°
Efficiency	88 %
Peak intensity	1.1 cd/lm
LEDs/each optic	2
Light colour/type	White
Required components:	
C18167_DAISY-7X1-SHD-MET	



Light distribution files

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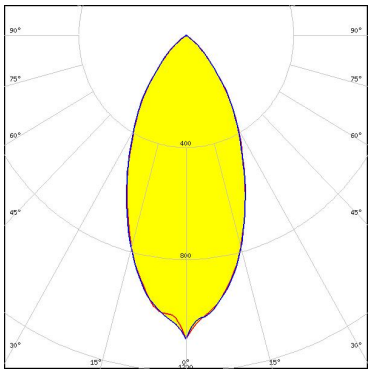
OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED	LM301Z Plus
FWHM / FWTM	48.0° / 92.0°
Efficiency	86 %
Peak intensity	1.1 cd/lm
LEDs/each optic	2
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:

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.

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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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