DAISY-7X1-M-D

~35° wide beam. Variant with diffused lenses.



TECHNICAL SPECIFICATIONS:

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

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
C18143_DAISY-7X1-M-D	Linear lens	PMMA		
C16872_DAISY-7X1-SHD	Shade	PC	black	gloss
C16876_DAISY-7X1-SHD-WHT	Shade	PC	white	gloss
C17051_DAISY-7X1-SHD-MATT	Shade	PC	black	matt
C17225_DAISY-7X1-SHD-WHT-MATT	Shade	PC	white	matt
C17533_DAISY-7X1-SHD-MET-MATT	Shade	PC	metal	matt
C18167_DAISY-7X1-SHD-MET	Shade	PC	metal	gloss

ORDERING INFORMATION:

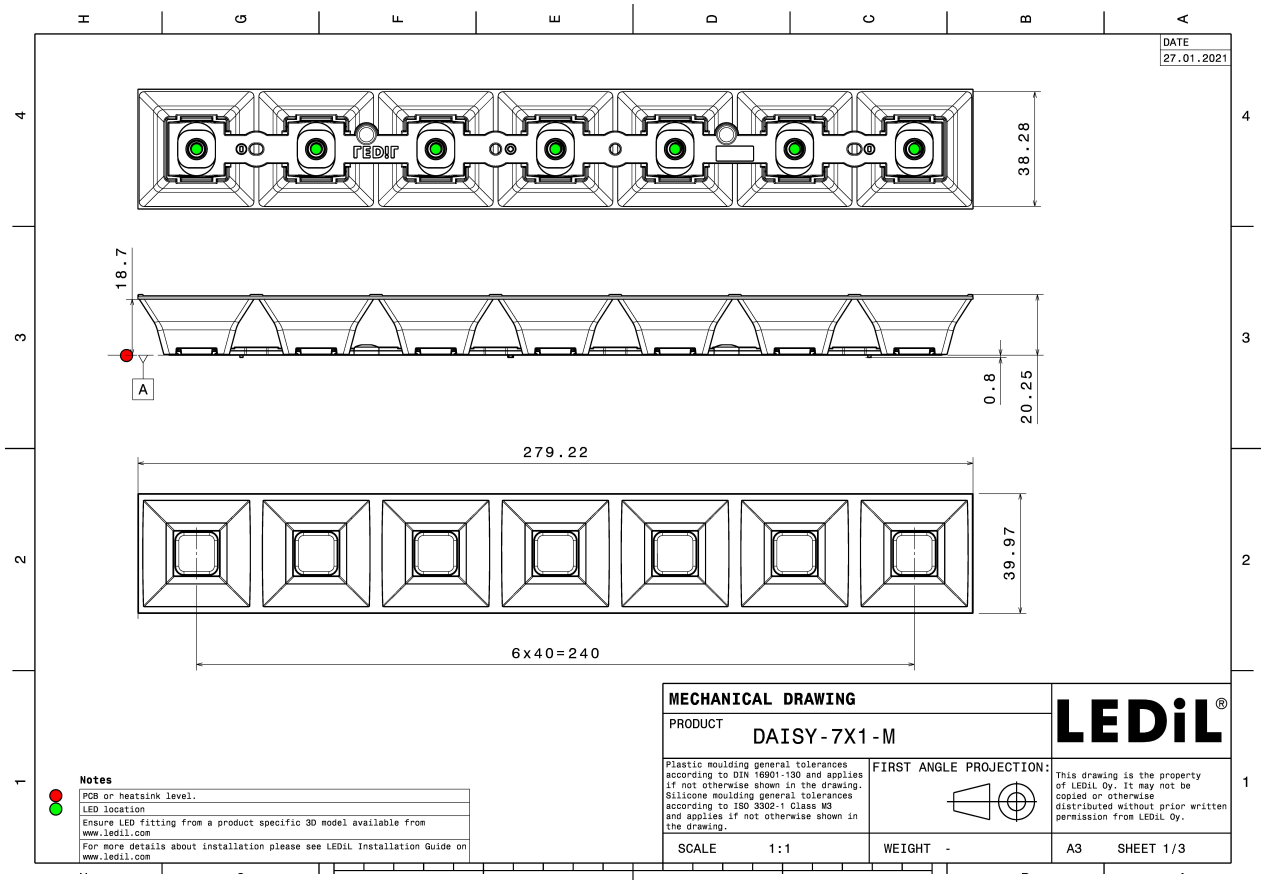
Quantities for one set:

Linear lens	1
Shade	1

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Component		Qty in box	MOQ	MPQ	Box weight (kg)
C18143_DAISY-7X1-M-D » Box size: 400 x 300 x 300 mm	Linear lens	312	192	24	6.4
C16872_DAISY-7X1-SHD » Box size: 595 x 360 x 230 mm	Shade	156	192	24	6.4
C17533_DAISY-7X1-SHD-MET-MATT » Box size: 595 x 360 x 230 mm	Shade	156	192	24	6.5
C16876_DAISY-7X1-SHD-WHT » Box size: 595 x 360 x 230 mm	Shade	156	192	24	6.8
C17051_DAISY-7X1-SHD-MATT » Box size: 595 x 360 x 230 mm	Shade	156	192	24	6.7
C18167_DAISY-7X1-SHD-MET » Box size: 595 x 360 x 230 mm	Shade	156	192	24	7.0
C17225_DAISY-7X1-SHD-WHT-MATT » Box size: 595 x 360 x 230 mm	Shade	156	192	24	6.8

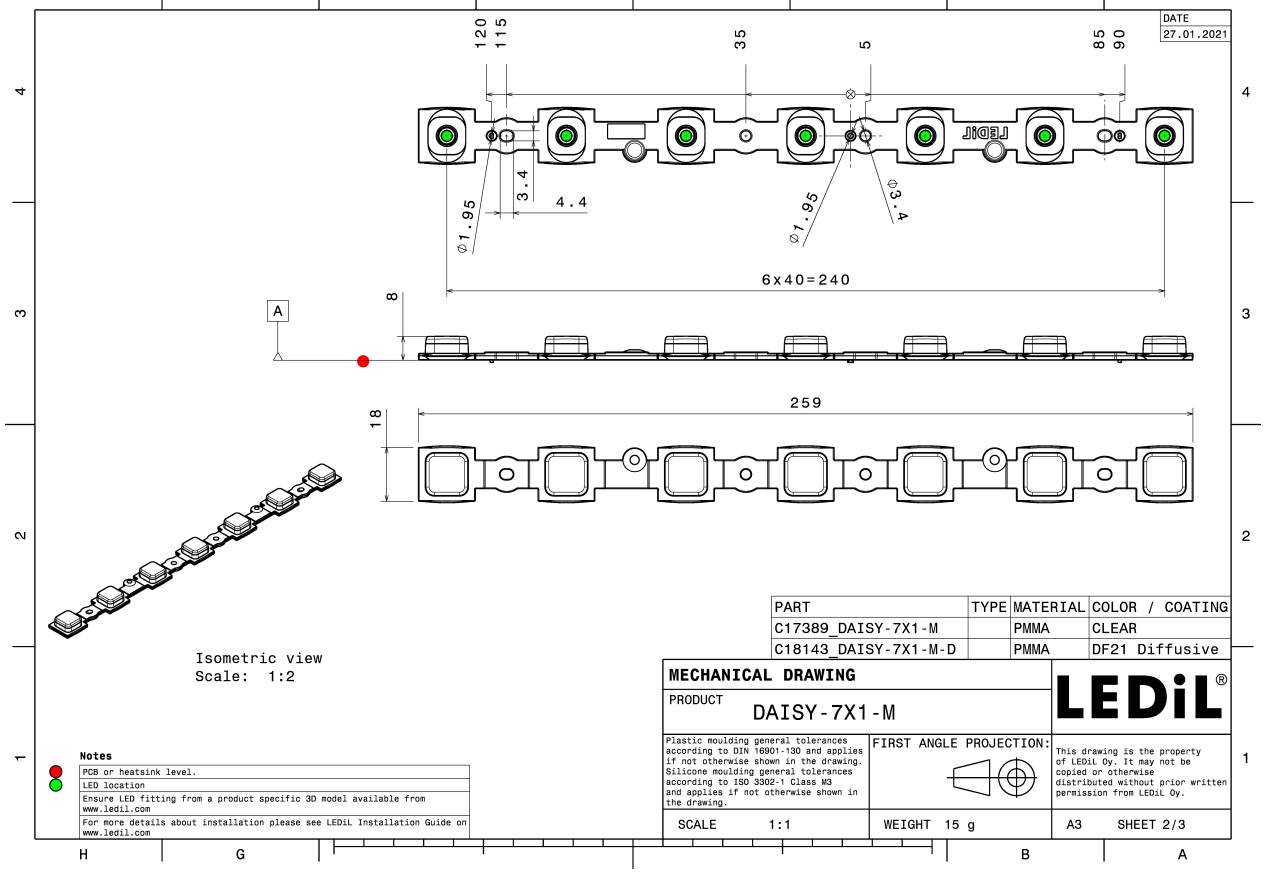
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MECHANICAL DRAWING		
PRODUCT DAISY-7X1-M		LEDiL®
Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if 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



Isometric view
Scale: 1:2

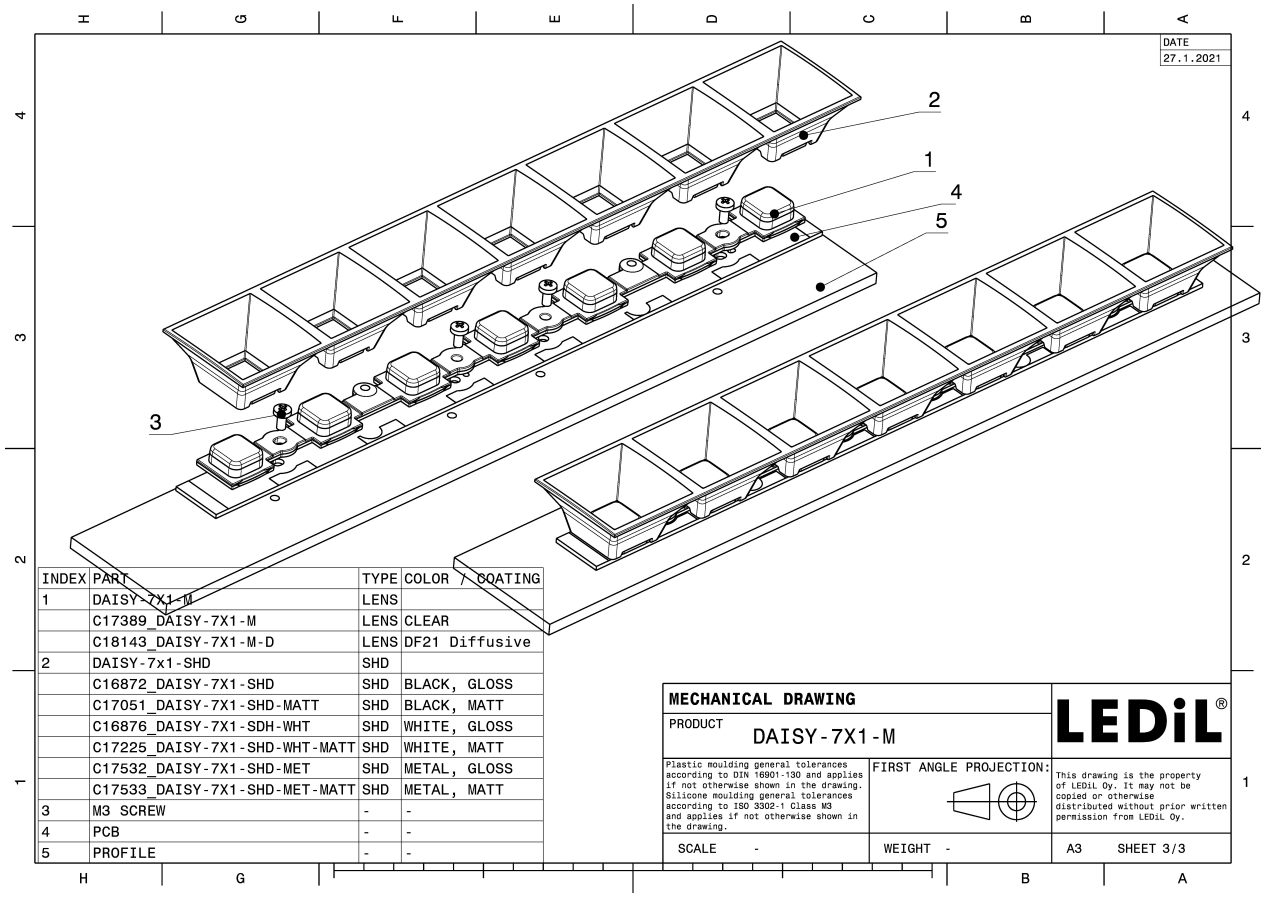
PART	TYPE	MATERIAL	COLOR / COATING
C17389_DAISY-7X1-M		PMMA	CLEAR
C18143_DAISY-7X1-M-D		PMMA	DF21 Diffusive

MECHANICAL DRAWING		
PRODUCT DAISY-7X1-M		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 15 g	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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INDEX	PART	TYPE	COLOR / COATING
1	DAISY-7X1-M	LENS	
	C17389_DAISY-7X1-M	LENS	CLEAR
	C18143_DAISY-7X1-M-D	LENS	DF21 Diffusive
2	DAISY-7x1-SHD	SHD	
	C16872_DAISY-7X1-SHD	SHD	BLACK, GLOSS
	C17051_DAISY-7X1-SHD-MATT	SHD	BLACK, MATT
	C16876_DAISY-7X1-SDH-WHT	SHD	WHITE, GLOSS
	C17225_DAISY-7X1-SHD-WHT-MATT	SHD	WHITE, MATT
	C17532_DAISY-7X1-SHD-MET	SHD	METAL, GLOSS
	C17533_DAISY-7X1-SHD-MET-MATT	SHD	METAL, MATT
3	M3 SCREW	-	-
4	PCB	-	-
5	PROFILE	-	-

MECHANICAL DRAWING

PRODUCT
DAISY-7X1-M

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 -

WEIGHT -

A3 SHEET 3/3

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

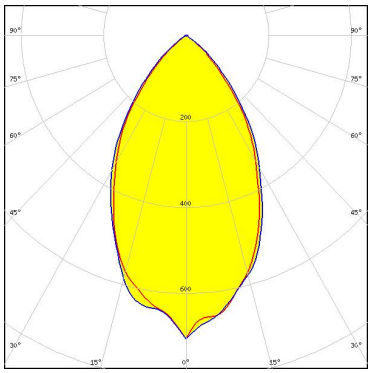
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PHOTOMETRIC DATA (SIMULATED):

CREE LED

LED	J Series 2835
FWHM / FWTM	60.0° / 100.0°
Efficiency	76 %
Peak intensity	0.7 cd/lm
LEDs/each optic	4
Light colour	White

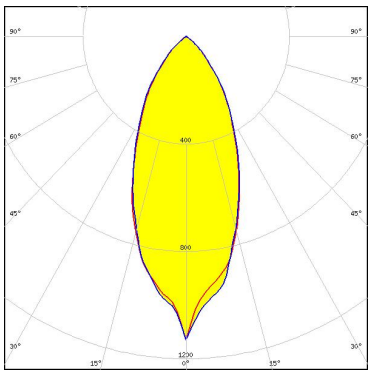
Required components:
C16872_DAISY-7X1-SHD



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	White

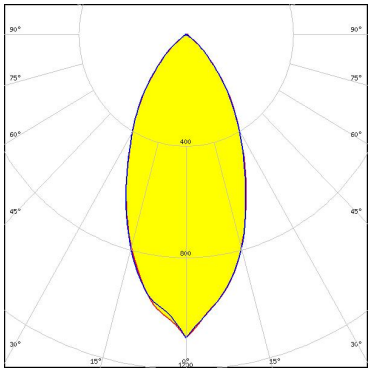
Required components:
C16872_DAISY-7X1-SHD



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	Tunable White

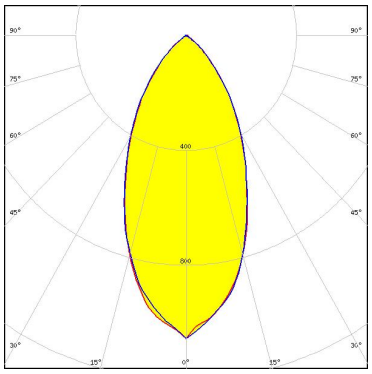
Required components:
C17533_DAISY-7X1-SHD-MET-MATT



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	Tunable White

Required components:
C18167_DAISY-7X1-SHD-MET



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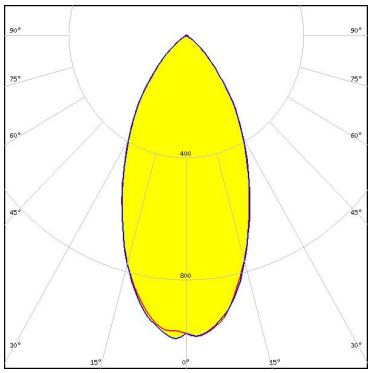
PHOTOMETRIC DATA (SIMULATED):

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	Tunable White

Required components:

C17225_DAISY-7X1-SHD-WHT-MATT

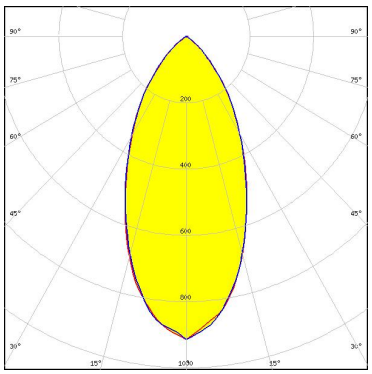


NICHIA

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	Tunable White

Required components:

C17051_DAISY-7X1-SHD-MATT

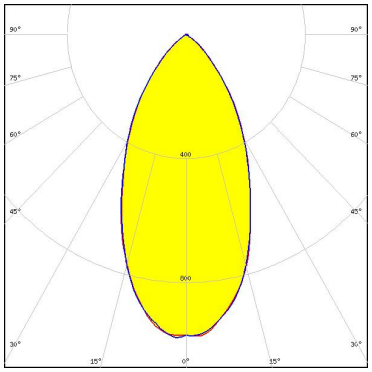


NICHIA

LED	NF2W757G-MT (Tunable White)
FWHM / FWTM	51.0° / 94.0°
Efficiency	86 %
Peak intensity	1 cd/lm
LEDs/each optic	2
Light colour	Tunable White

Required components:

C16876_DAISY-7X1-SHD-WHT

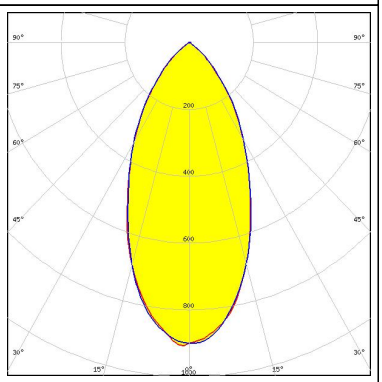


NICHIA

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	Tunable White

Required components:

C16872_DAISY-7X1-SHD



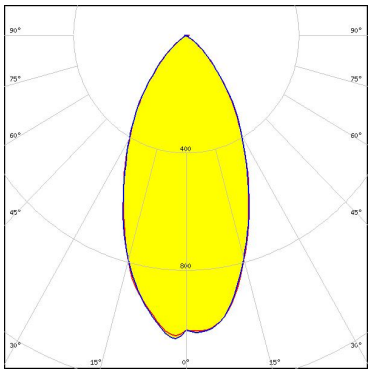
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PHOTOMETRIC DATA (SIMULATED):

NICHIA

LED	NF2W757H
FWHM / FWTM	50.0° / 94.0°
Efficiency	88 %
Peak intensity	1 cd/lm
LEDs/each optic	2
Light colour	White

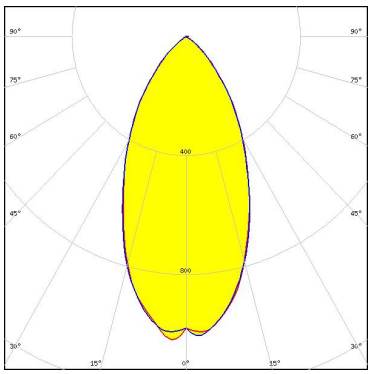
Required components:
C17533_DAISY-7X1-SHD-MET-MATT



NICHIA

LED	NF2W757H
FWHM / FWTM	50.0° / 94.0°
Efficiency	88 %
Peak intensity	1 cd/lm
LEDs/each optic	2
Light colour	White

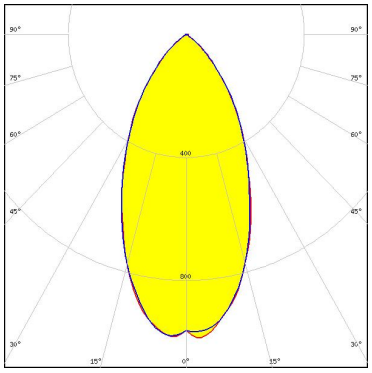
Required components:
C18167_DAISY-7X1-SHD-MET



NICHIA

LED	NF2W757H
FWHM / FWTM	51.0° / 94.0°
Efficiency	86 %
Peak intensity	1 cd/lm
LEDs/each optic	2
Light colour	White

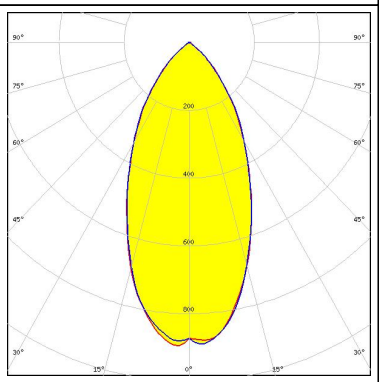
Required components:
C17225_DAISY-7X1-SHD-WHT-MATT



NICHIA

LED	NF2W757H
FWHM / FWTM	50.0° / 94.0°
Efficiency	75 %
Peak intensity	0.9 cd/lm
LEDs/each optic	2
Light colour	White

Required components:
C17051_DAISY-7X1-SHD-MATT



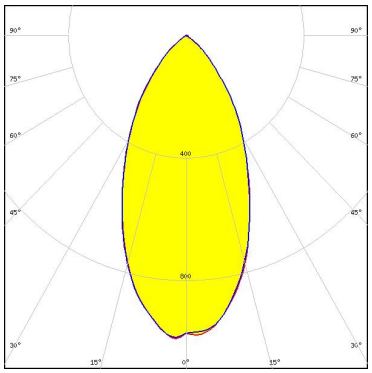
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PHOTOMETRIC DATA (SIMULATED):

NICHIA

LED	NF2W757H
FWHM / FWTM	50.0° / 94.0°
Efficiency	86 %
Peak intensity	1 cd/lm
LEDs/each optic	2
Light colour	White

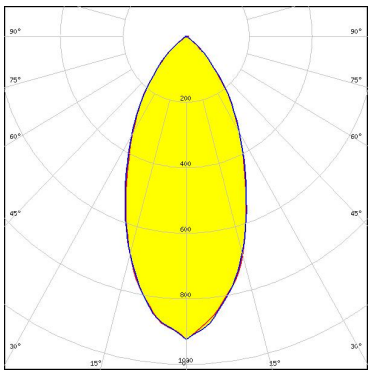
Required components:
C16876_DAISY-7X1-SHD-WHT



NICHIA

LED	NF2W757H
FWHM / FWTM	48.0° / 94.0°
Efficiency	76 %
Peak intensity	0.9 cd/lm
LEDs/each optic	2
Light colour	White

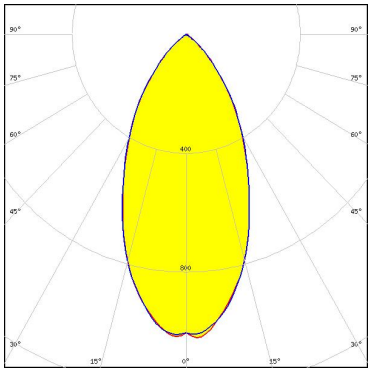
Required components:
C16872_DAISY-7X1-SHD



NICHIA

LED	NF2x757G
FWHM / FWTM	50.0° / 94.0°
Efficiency	88 %
Peak intensity	1 cd/lm
LEDs/each optic	2
Light colour	White

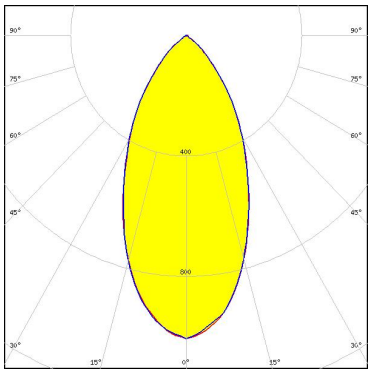
Required components:
C18167_DAISY-7X1-SHD-MET



NICHIA

LED	NF2x757G
FWHM / FWTM	50.0° / 94.0°
Efficiency	86 %
Peak intensity	1 cd/lm
LEDs/each optic	2
Light colour	White

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



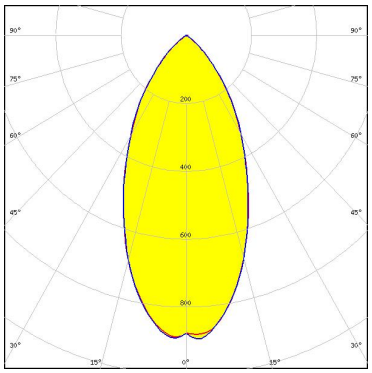
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PHOTOMETRIC DATA (SIMULATED):

NICHIA

LED	NF2x757G
FWHM / FWTM	50.0° / 94.0°
Efficiency	75 %
Peak intensity	0.9 cd/lm
LEDs/each optic	2
Light colour	White

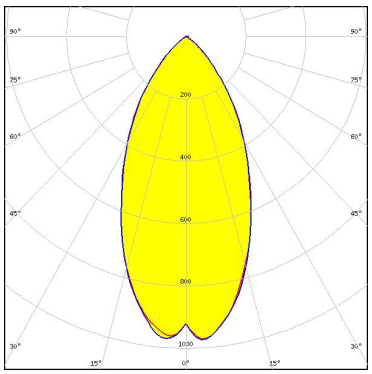
Required components:
C17051_DAISY-7X1-SHD-MATT



NICHIA

LED	NF2x757G
FWHM / FWTM	52.0° / 94.0°
Efficiency	86 %
Peak intensity	1 cd/lm
LEDs/each optic	2
Light colour	White

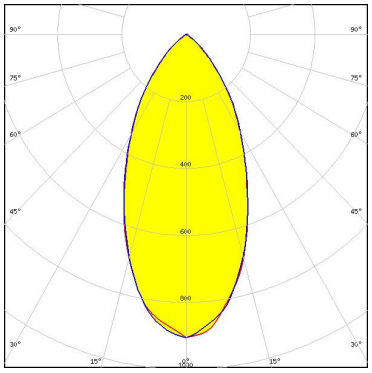
Required components:
C16876_DAISY-7X1-SHD-WHT



NICHIA

LED	NF2x757G
FWHM / FWTM	48.0° / 93.0°
Efficiency	75 %
Peak intensity	0.9 cd/lm
LEDs/each optic	2
Light colour	White

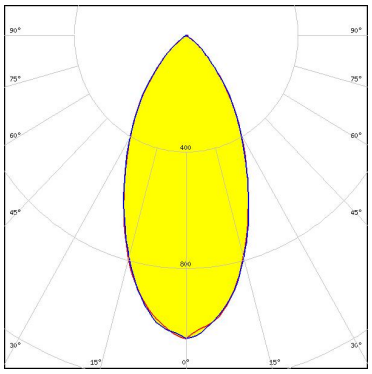
Required components:
C16872_DAISY-7X1-SHD



NICHIA

LED	NF2x757G
FWHM / FWTM	50.0° / 94.0°
Efficiency	88 %
Peak intensity	1 cd/lm
LEDs/each optic	2
Light colour	White

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



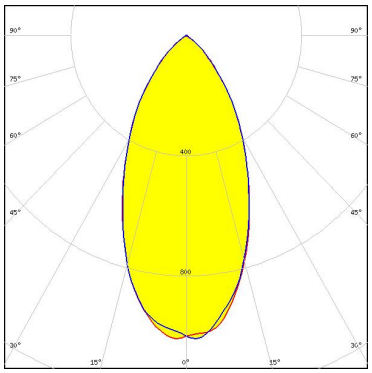
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PHOTOMETRIC DATA (SIMULATED):

NICHIA

LED	NFSW757H
FWHM / FWTM	50.0° / 94.0°
Efficiency	86 %
Peak intensity	1 cd/lm
LEDs/each optic	2
Light colour	White

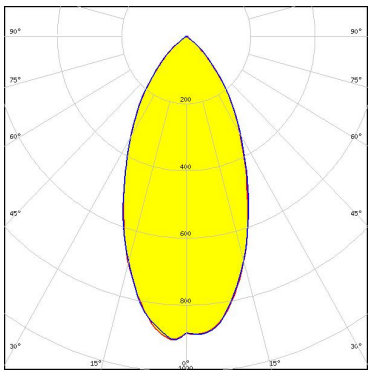
Required components:
C17225_DAISY-7X1-SHD-WHT-MATT



NICHIA

LED	NFSW757H
FWHM / FWTM	50.0° / 94.0°
Efficiency	76 %
Peak intensity	0.9 cd/lm
LEDs/each optic	2
Light colour	White

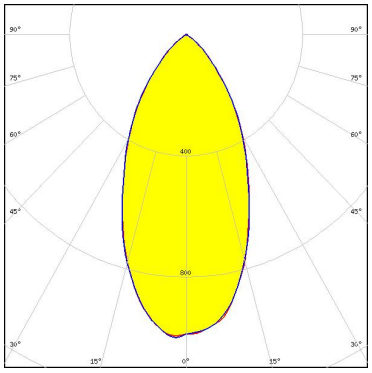
Required components:
C17051_DAISY-7X1-SHD-MATT



NICHIA

LED	NFSW757H
FWHM / FWTM	50.0° / 94.0°
Efficiency	86 %
Peak intensity	1 cd/lm
LEDs/each optic	2
Light colour	White

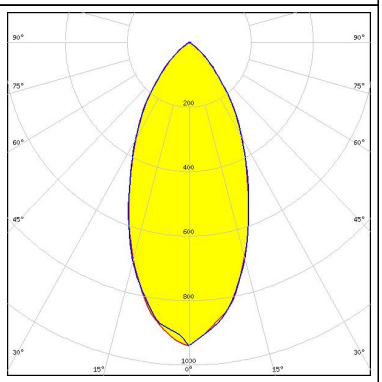
Required components:
C16876_DAISY-7X1-SHD-WHT



NICHIA

LED	NFSW757H
FWHM / FWTM	48.0° / 93.0°
Efficiency	76 %
Peak intensity	0.9 cd/lm
LEDs/each optic	2
Light colour	White

Required components:
C16872_DAISY-7X1-SHD



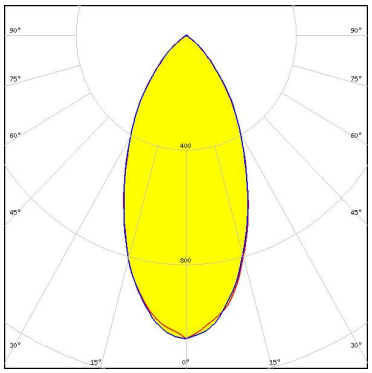
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PHOTOMETRIC DATA (SIMULATED):

NICHIA

LED	NFSW757H
FWHM / FWTM	50.0° / 94.0°
Efficiency	88 %
Peak intensity	1.1 cd/lm
LEDs/each optic	2
Light colour	White

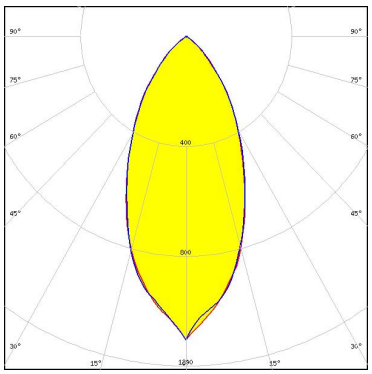
Required components:
C17533_DAISY-7X1-SHD-MET-MATT



NICHIA

LED	NFSW757H
FWHM / FWTM	48.0° / 92.0°
Efficiency	88 %
Peak intensity	1.1 cd/lm
LEDs/each optic	2
Light colour	White

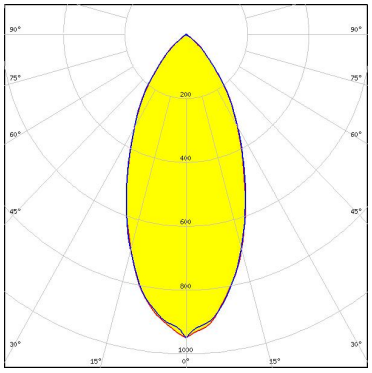
Required components:
C18167_DAISY-7X1-SHD-MET



SAMSUNG

LED	LM301Z Plus
FWHM / FWTM	48.0° / 92.0°
Efficiency	75 %
Peak intensity	1 cd/lm
LEDs/each optic	2
Light colour	White

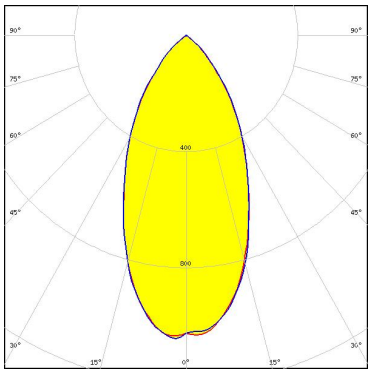
Required components:
C17051_DAISY-7X1-SHD-MATT



SAMSUNG

LED	LM301Z Plus
FWHM / FWTM	50.0° / 92.0°
Efficiency	88 %
Peak intensity	1.1 cd/lm
LEDs/each optic	2
Light colour	White

Required components:
C18167_DAISY-7X1-SHD-MET



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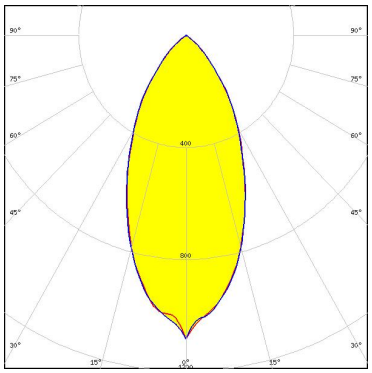
PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

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

Required components:

C17225_DAISY-7X1-SHD-WHT-MATT



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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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