

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
C18143_DAISY-7X1-M-D	Linear lens	PMMA		
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

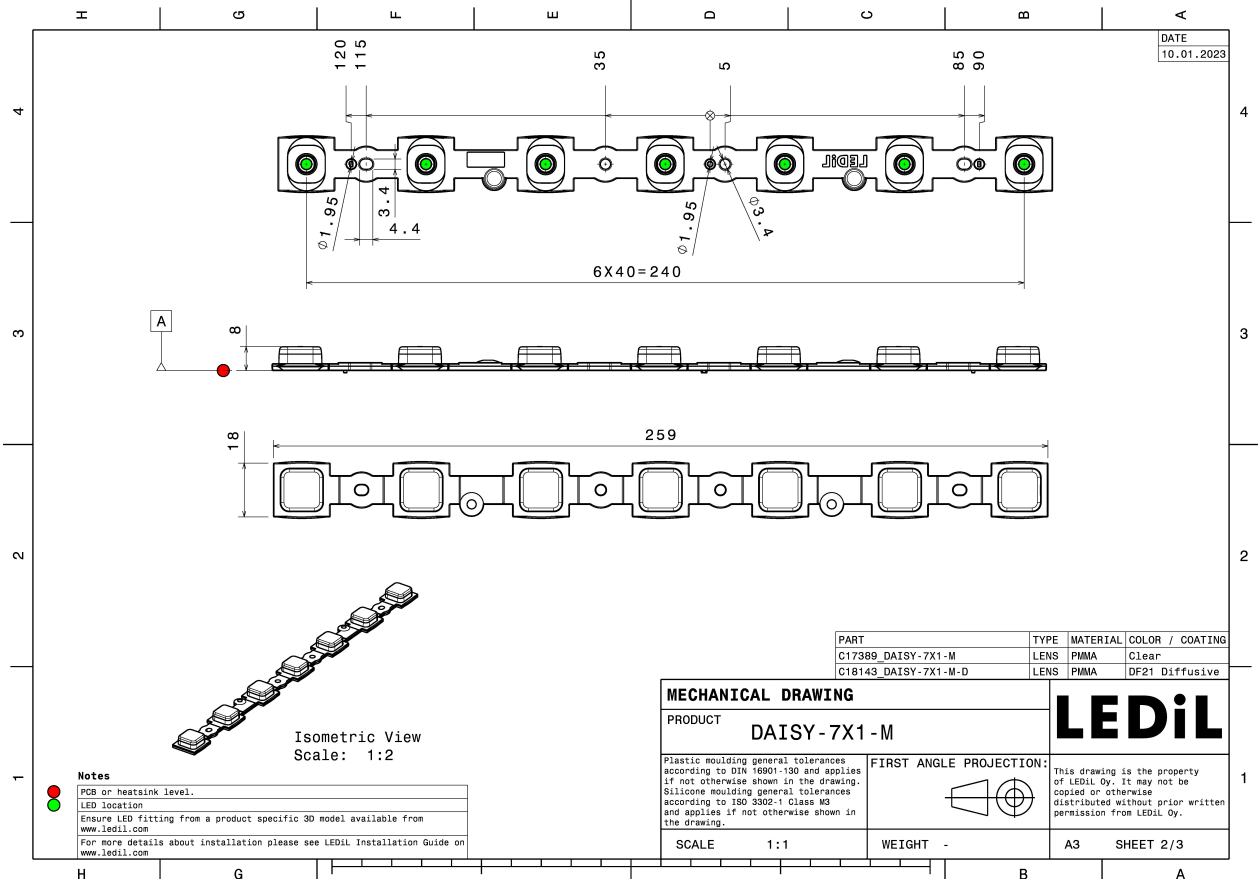
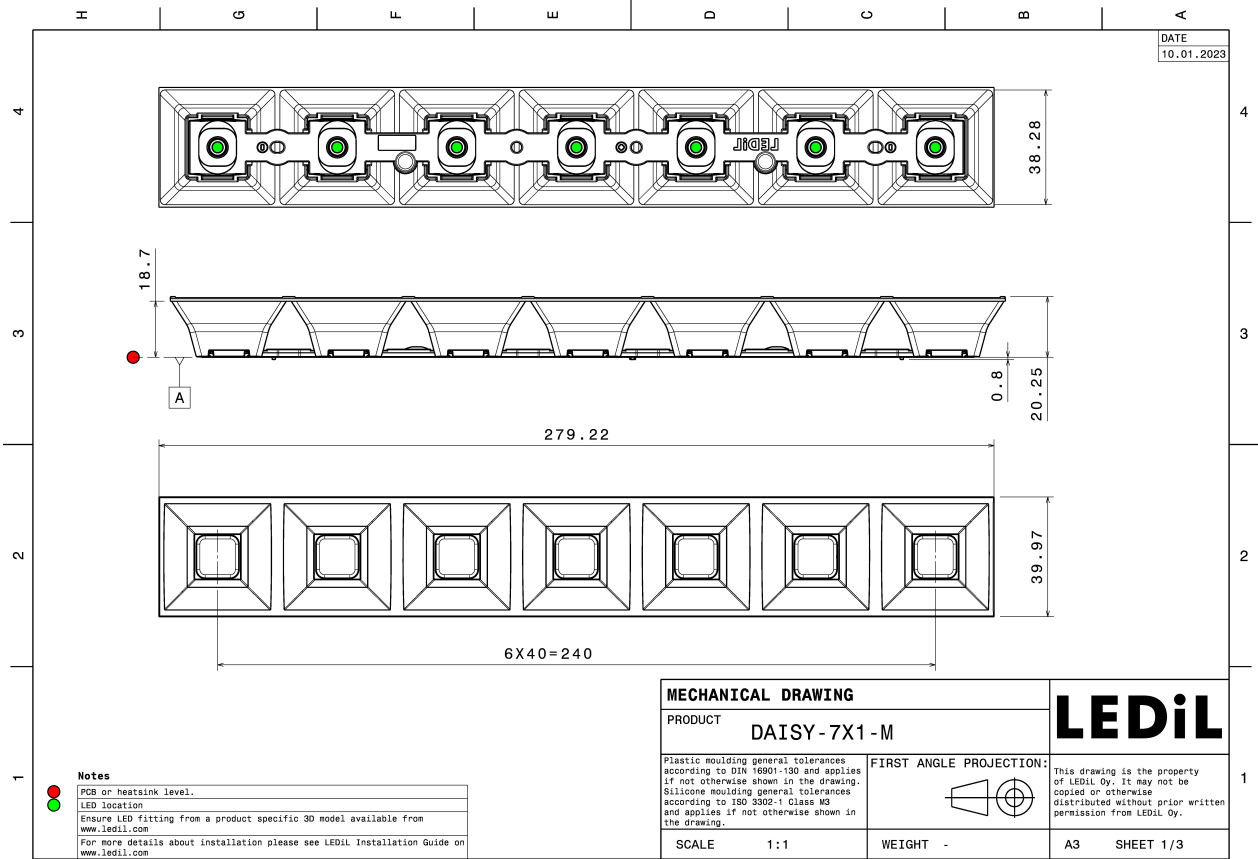
ORDERING INFORMATION:

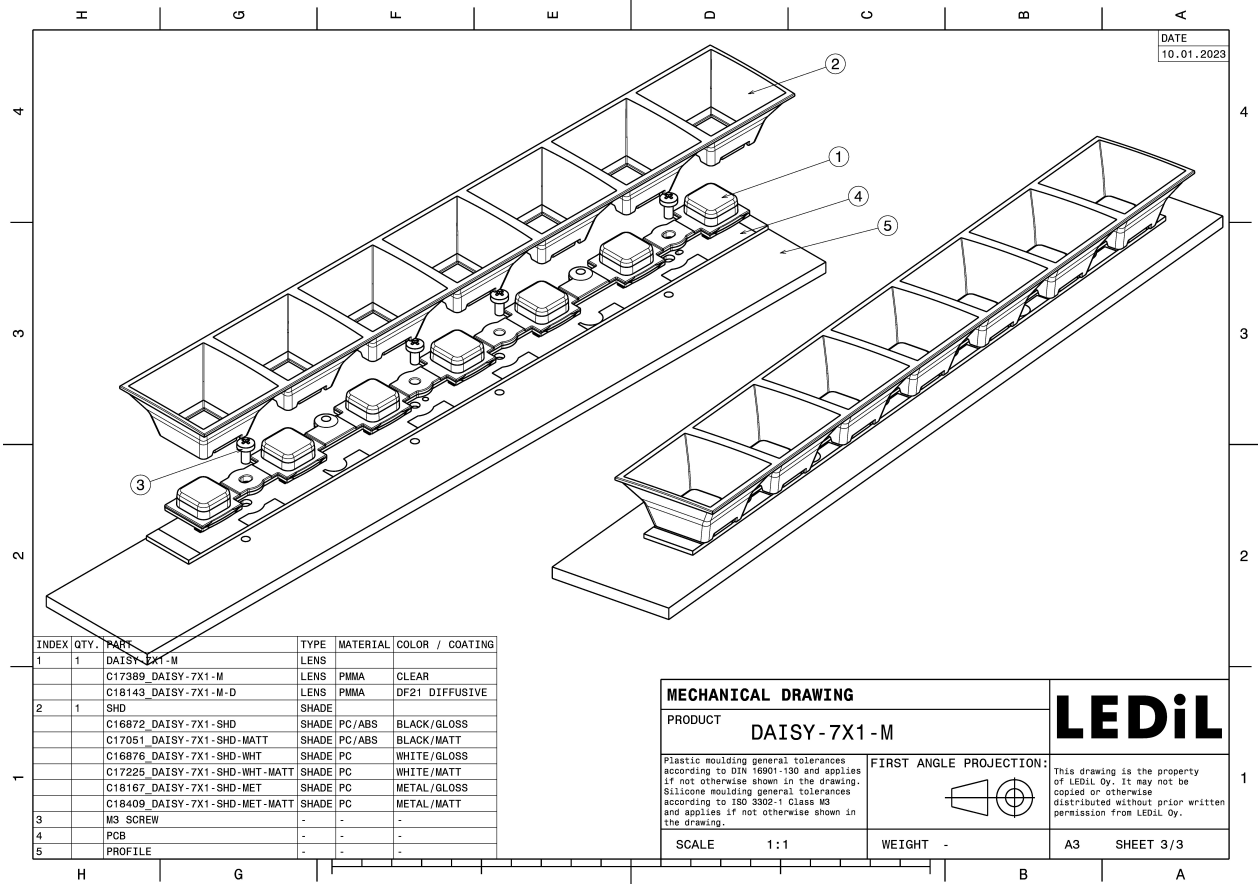
Quantities for one set:

Linear lens	1
Shade	1



Component		Qty in box	MOQ	MPQ	Box weight (kg)
C18143_DAISY-7X1-M-D	Linear lens	312	192	24	6.4
» Box size: 400 x 300 x 300 mm					
C18167_DAISY-7X1-SHD-MET	Shade	156	192	24	7.0
» Box size: 595 x 360 x 230 mm					
C17051_DAISY-7X1-SHD-MATT	Shade	156	192	24	7.3
» Box size: 595 x 360 x 230 mm					
C18409_DAISY-7X1-SHD-MET-MATT	Shade	156	192	24	7.0
» Box size: 595 x 360 x 230 mm					
C17225_DAISY-7X1-SHD-WHT-MATT	Shade	156	192	24	7.6
» Box size: 595 x 360 x 230 mm					
C16872_DAISY-7X1-SHD	Shade	156	192	24	7.1
» Box size: 595 x 360 x 230 mm					
C16876_DAISY-7X1-SHD-WHT	Shade	156	192	24	7.6
» Box size: 595 x 360 x 230 mm					



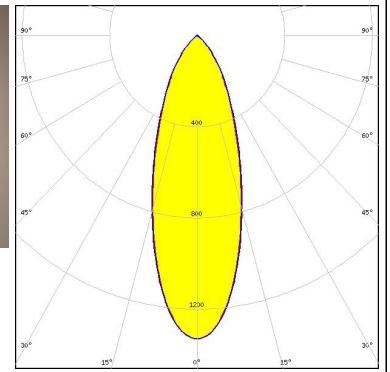


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

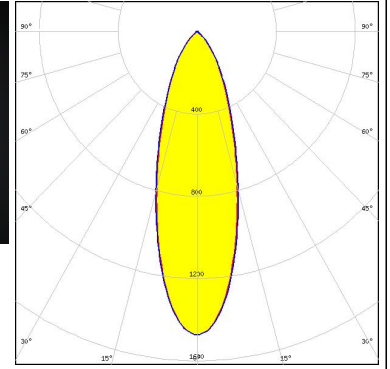
MST Your solutions

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 White
Required components:
C16872_DAISY-7X1-SHD

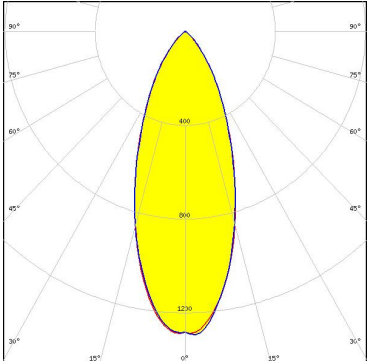
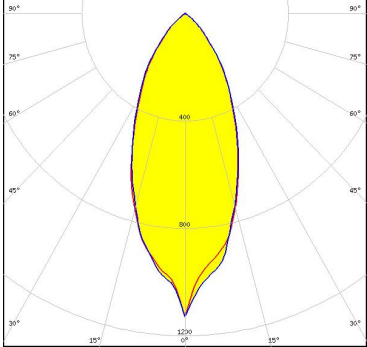
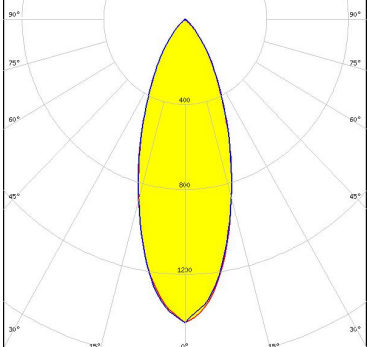
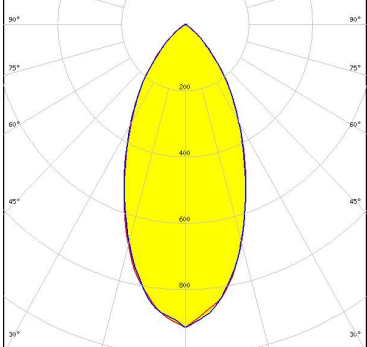


NICHIA

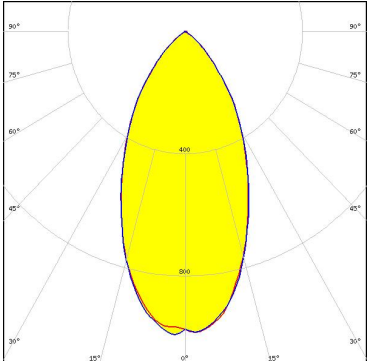
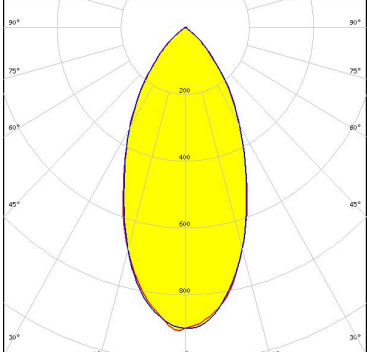
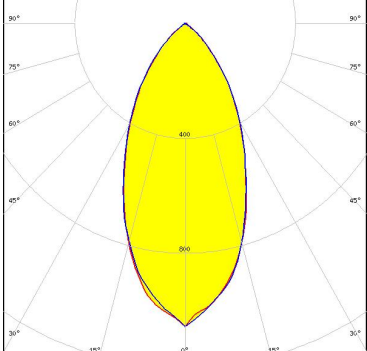
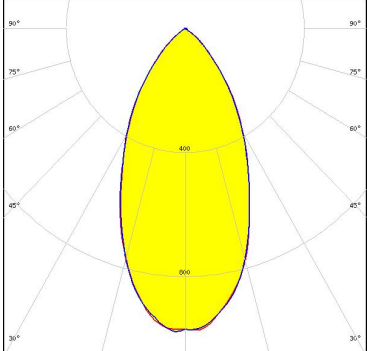
LED NCSxE17A
FWHM / FWTM 32.0° / 74.0°
Efficiency 72 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C17051_DAISY-7X1-SHD-MATT



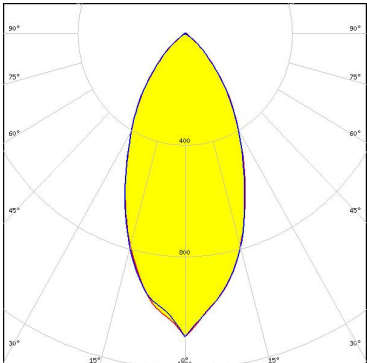
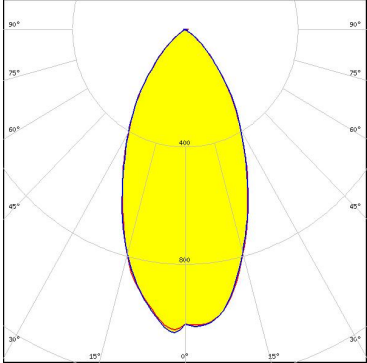
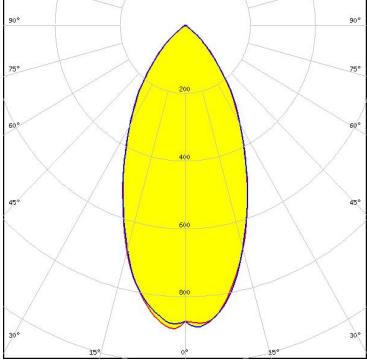
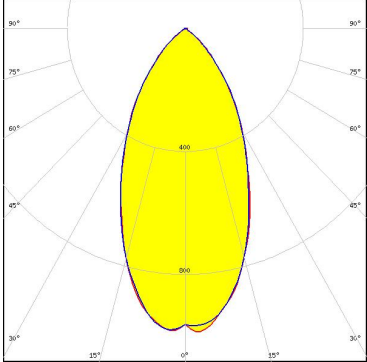
OPTICAL RESULTS (SIMULATED):

<p>LUMILEDS</p> <p>LED LUXEON 2835 Line FWHM / FWTM 40.0° / 80.0° Efficiency 77 % Peak intensity 1.3 cd/lm LEDs/each optic 1 Light colour White Required components: C16872_DAISSY-7X1-SHD</p>	
<p>LUMILEDS</p> <p>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_DAISSY-7X1-SHD</p>	
<p>LUMILEDS</p> <p>LED LUXEON 3020 FWHM / FWTM 37.0° / 76.0° Efficiency 77 % Peak intensity 1.4 cd/lm LEDs/each optic 1 Light colour White Required components: C16872_DAISSY-7X1-SHD</p>	
<p>NICHIA</p> <p>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_DAISSY-7X1-SHD-MATT</p>	

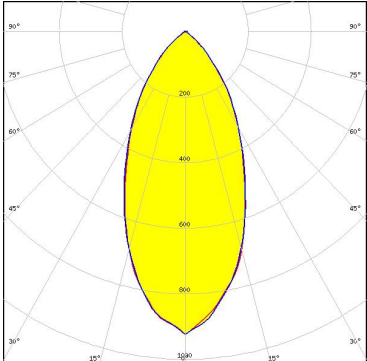
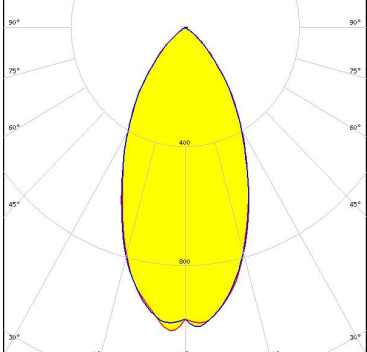
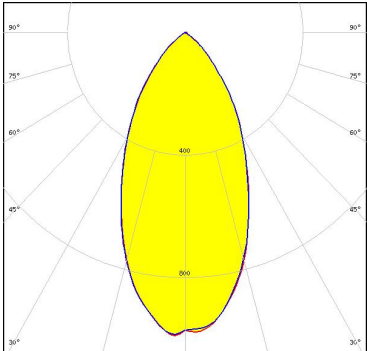
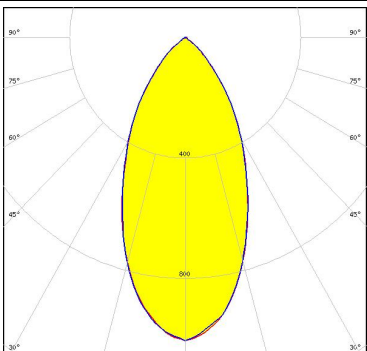
OPTICAL RESULTS (SIMULATED):

<p>NICHIA</p> <p>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_DAISSY-7X1-SHD-WHT-MATT</p>	
<p>NICHIA</p> <p>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_DAISSY-7X1-SHD</p>	
<p>NICHIA</p> <p>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_DAISSY-7X1-SHD-MET</p>	
<p>NICHIA</p> <p>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_DAISSY-7X1-SHD-WHT</p>	

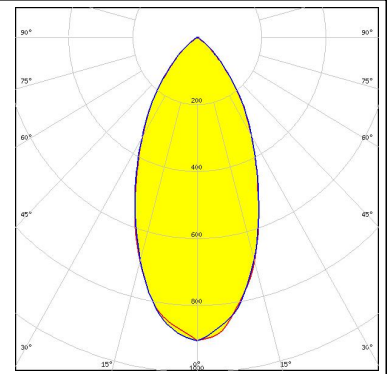
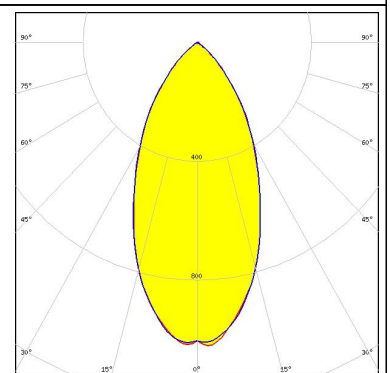
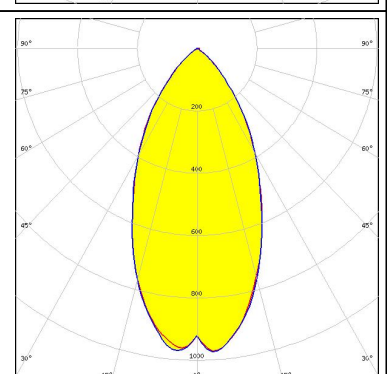
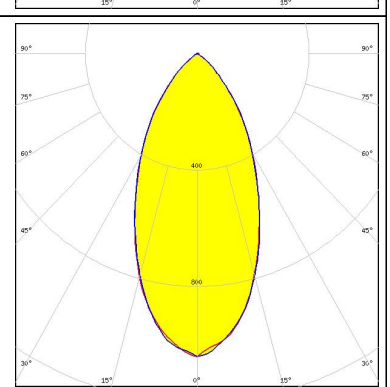
OPTICAL RESULTS (SIMULATED):

<p>NICHIA</p> <p>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_DAISSY-7X1-SHD-MET-MATT</p>	
<p>NICHIA</p> <p>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_DAISSY-7X1-SHD-MET-MATT</p>	
<p>NICHIA</p> <p>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_DAISSY-7X1-SHD-MATT</p>	
<p>NICHIA</p> <p>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_DAISSY-7X1-SHD-WHT-MATT</p>	

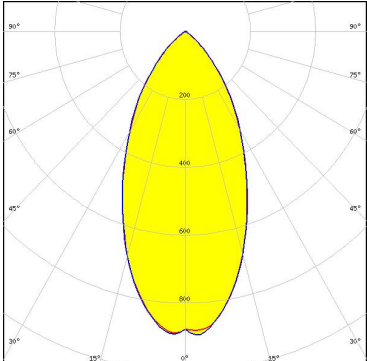
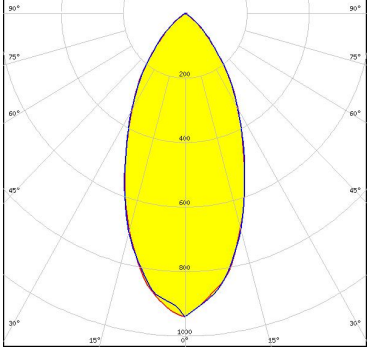
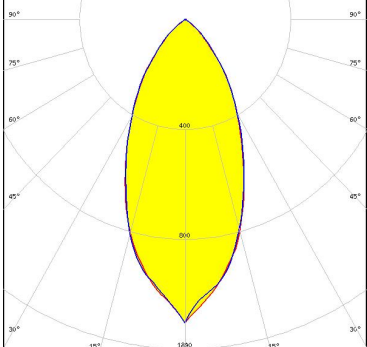
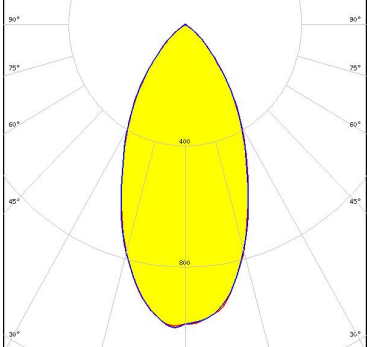
OPTICAL RESULTS (SIMULATED):

<p>NICHIA</p> <p>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_DAISSY-7X1-SHD</p>	
<p>NICHIA</p> <p>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_DAISSY-7X1-SHD-MET</p>	
<p>NICHIA</p> <p>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_DAISSY-7X1-SHD-WHT</p>	
<p>NICHIA</p> <p>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_DAISSY-7X1-SHD-WHT-MATT</p>	

OPTICAL RESULTS (SIMULATED):

<p>NICHIA</p> <p>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_DAISSY-7X1-SHD</p>	
<p>NICHIA</p> <p>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_DAISSY-7X1-SHD-MET</p>	
<p>NICHIA</p> <p>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_DAISSY-7X1-SHD-WHT</p>	
<p>NICHIA</p> <p>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_DAISSY-7X1-SHD-MET-MATT</p>	

OPTICAL RESULTS (SIMULATED):

<p>NICHIA</p> <p>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</p>	
<p>NICHIA</p> <p>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</p>	
<p>NICHIA</p> <p>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</p>	
<p>NICHIA</p> <p>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</p>	

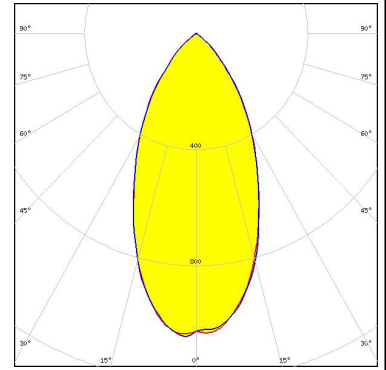
OPTICAL RESULTS (SIMULATED):

<p>NICHIA</p> <p>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_DAISSY-7X1-SHD-MET-MATT</p>	
<p>NICHIA</p> <p>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_DAISSY-7X1-SHD-MATT</p>	
<p>NICHIA</p> <p>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_DAISSY-7X1-SHD-WHT-MATT</p>	
<p>SAMSUNG</p> <p>LED: LM28xB Series FWHM / FWTM: 40.0° / 82.0° Efficiency: 87 % Peak intensity: 1.4 cd/lm LEDs/each optic: 2 Light colour: White Required components: C17051_DAISSY-7X1-SHD-MATT</p>	

OPTICAL RESULTS (SIMULATED):

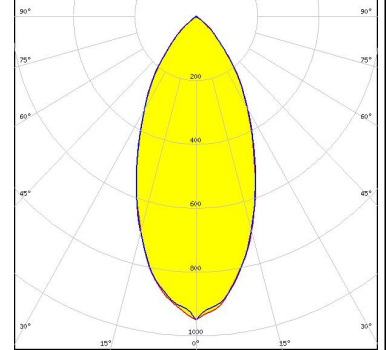
SAMSUNG

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_DAISSY-7X1-SHD-MET



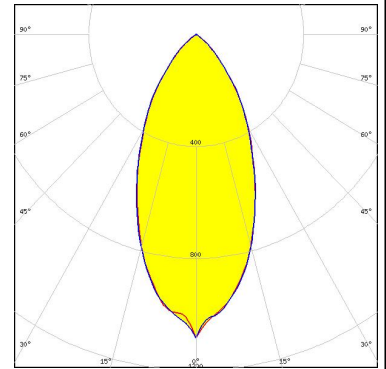
SAMSUNG

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_DAISSY-7X1-SHD-MATT



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_DAISSY-7X1-SHD-WHT-MATT



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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