



**THE DATASHEET OF
C18143_DAISSY-7X1-M-D**



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 (mm)
C18143_DAISY-7X1-M-D	Linear lens	PMMA			
C19855_DAISY-7X1-SHD3-MATT-GLD	Shade	PC	gold	matt	
C19854_DAISY-7X1-SHD3-MATT-RED	Shade	PC	red	matt	
C19853_DAISY-7X1-SHD3-MATT-GR	Shade	PC	grey	matt	
C19852_DAISY-7X1-SHD-MATT-GLD	Shade	PC	gold	matt	
C19764_DAISY-7X1-SHD-MATT-GR	Shade	PC	grey	matt	
C19763_DAISY-7X1-SHD-MATT-RED	Shade	PC	red	matt	
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	
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	

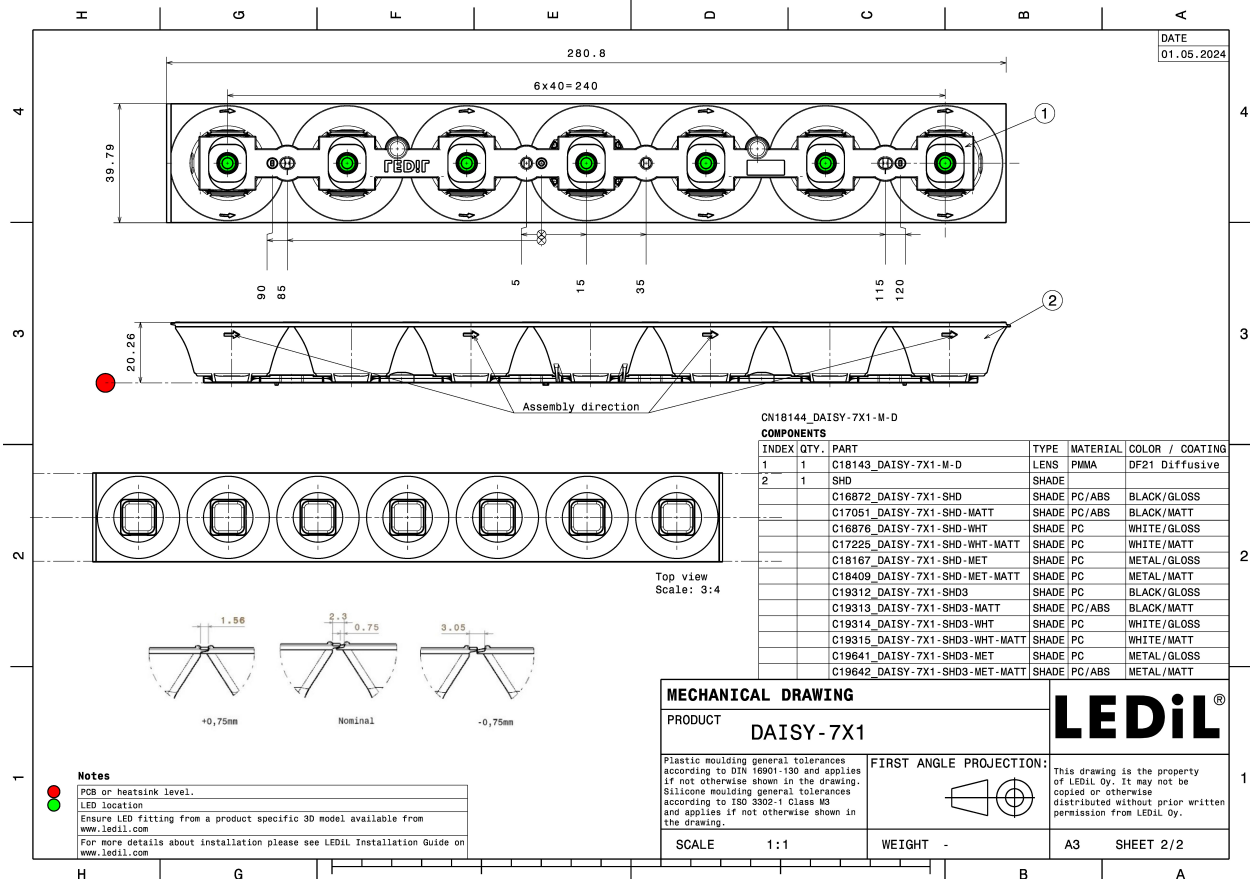
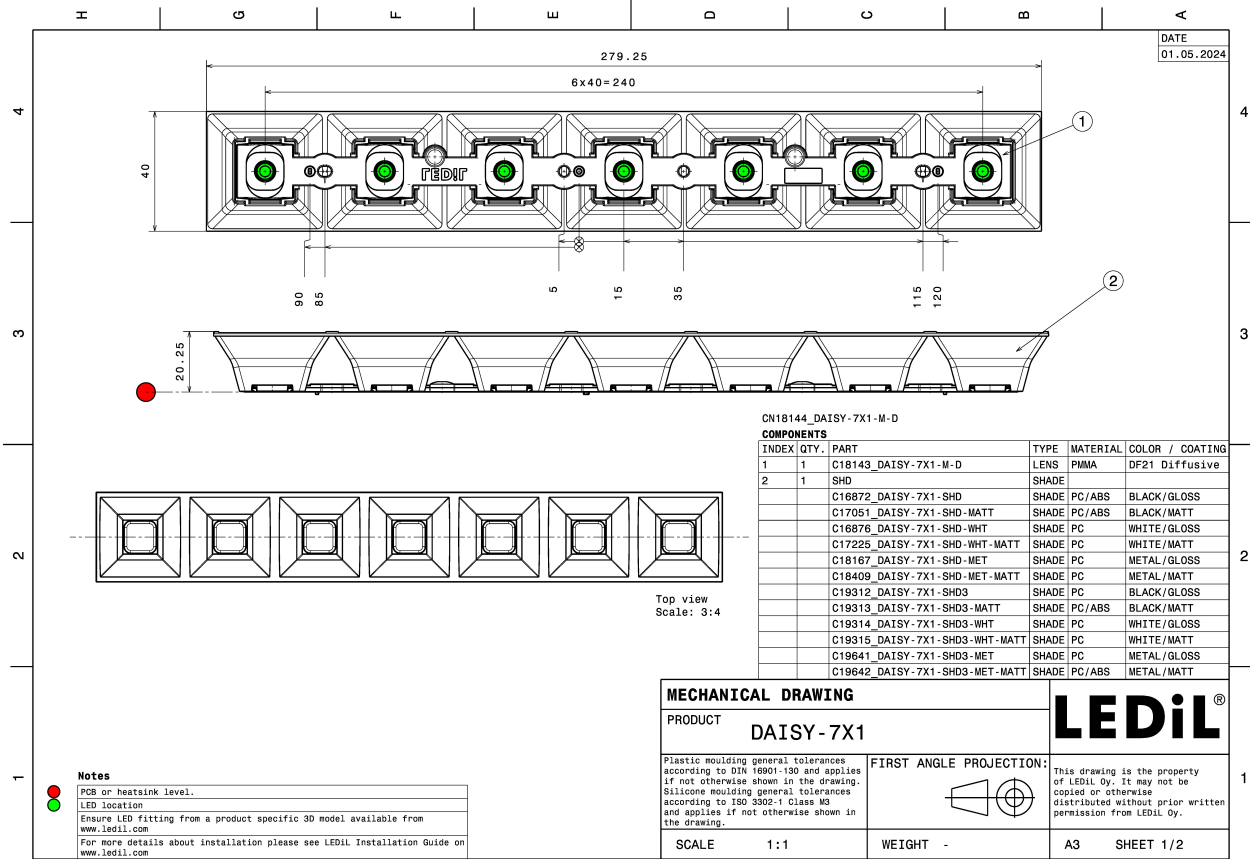
ORDERING INFORMATION:

Quantities for one set:

Linear lens 1

Shade 1

Component		Qty in box	MOQ	MPQ	Box weight (kg)
C18143_DAISY-7X1-M-D » Box size: 400 x 300 x 300 mm	Linear lens	312	312	24	6.4
C19764_DAISY-7X1-SHD-MATT-GR » Box size: 595 x 360 x 230 mm	Shade	156	312	24	5.7
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
C19852_DAISY-7X1-SHD-MATT-GLD » Box size: 595 x 360 x 230 mm	Shade	156	312	24	7.1
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
C19853_DAISY-7X1-SHD3-MATT-GR » Box size: 595 x 360 x 230 mm	Shade	156	312	24	7.1
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
C19854_DAISY-7X1-SHD3-MATT-RED » Box size: 595 x 360 x 230 mm	Shade	156	312	24	6.2
C19313_DAISY-7X1-SHD3-MATT » Box size: 595 x 360 x 230 mm	Shade	156	312	24	5.8
C19763_DAISY-7X1-SHD-MATT-RED » Box size: 595 x 360 x 230 mm	Shade	156	312	24	7.1
C19855_DAISY-7X1-SHD3-MATT-GLD » Box size: 595 x 360 x 230 mm	Shade	156	312	24	6.2
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

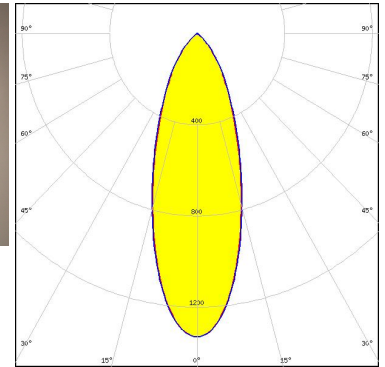


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

MST | *Your solutions*

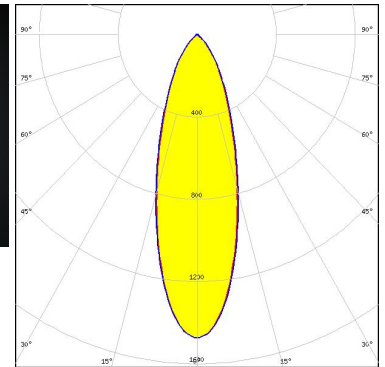
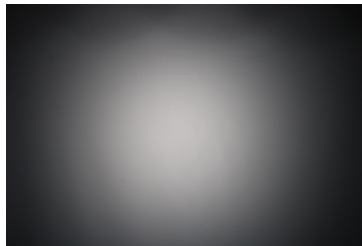
LED LinLED 280x28mm 1600lm 840 4C 21V DAISY 7x1(ZT25)
FWHM / FWTM 35.0° / 77.0°
Efficiency 74 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C16872_DAISY-7X1-SHD



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

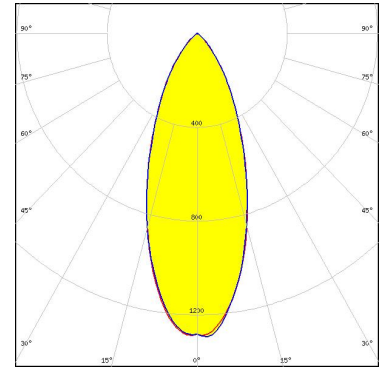


Light distribution files

OPTICAL RESULTS (SIMULATED):



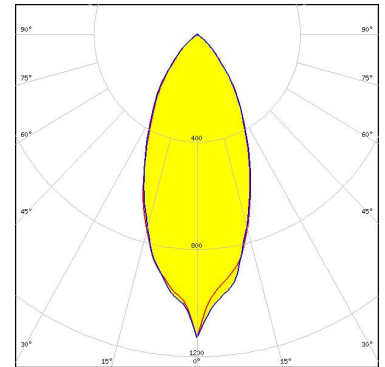
LED LUXEON 2835 Line
FWHM / FWTM 40.0° / 80.0°
Efficiency 77 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C16872_DAISSY-7X1-SHD



Light distribution files



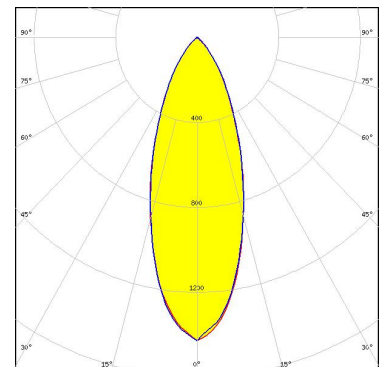
LED LUXEON 2835 Line
FWHM / FWTM 43.0° / 88.0°
Efficiency 79 %
Peak intensity 1.1 cd/lm
LEDs/each optic 2
Light colour/type White
Required components:
C16872_DAISSY-7X1-SHD



Light distribution files



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_DAISSY-7X1-SHD

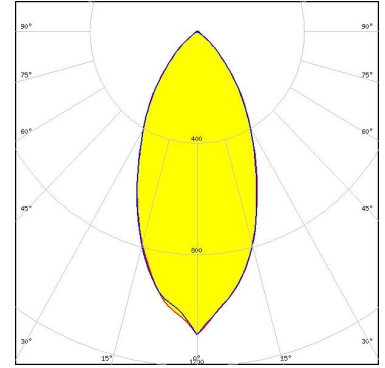


Light distribution files

OPTICAL RESULTS (SIMULATED):



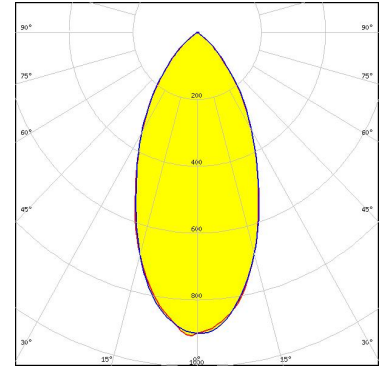
LED NF2W757G-MT (Tunable White)
FWHM / FWTM 48.0° / 92.0°
Efficiency 88 %
Peak intensity 1.1 cd/lm
LEDs/each optic 2
Light colour/type Tunable White
Required components:
C17533_DAISSY-7X1-SHD-MET-MATT



Light distribution files



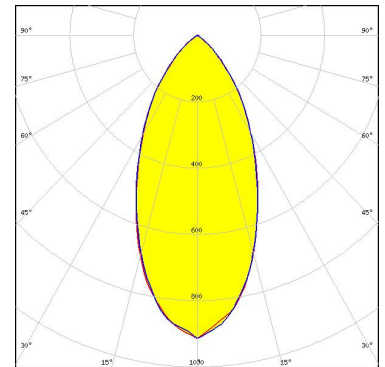
LED NF2W757G-MT (Tunable White)
FWHM / FWTM 50.0° / 94.0°
Efficiency 76 %
Peak intensity 0.9 cd/lm
LEDs/each optic 2
Light colour/type Tunable White
Required components:
C16872_DAISSY-7X1-SHD



Light distribution files



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_DAISSY-7X1-SHD-MATT

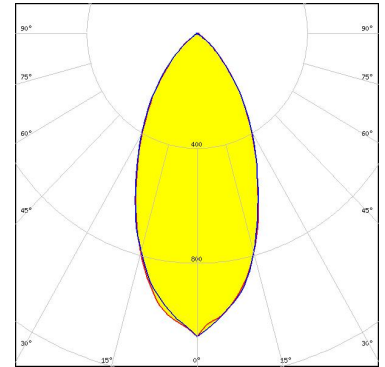


Light distribution files

OPTICAL RESULTS (SIMULATED):



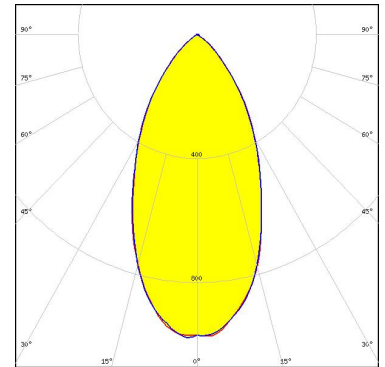
LED NF2W757G-MT (Tunable White)
FWHM / FWTM 48.0° / 94.0°
Efficiency 88 %
Peak intensity 1.1 cd/lm
LEDs/each optic 2
Light colour/type Tunable White
Required components:
C18167_DAISSY-7X1-SHD-MET



Light distribution files



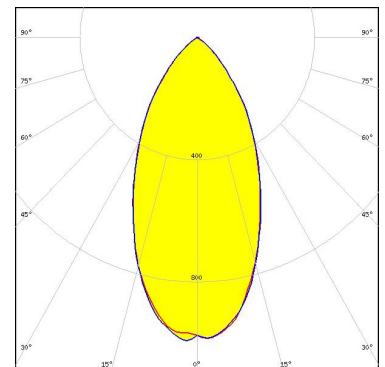
LED NF2W757G-MT (Tunable White)
FWHM / FWTM 51.0° / 94.0°
Efficiency 86 %
Peak intensity 1 cd/lm
LEDs/each optic 2
Light colour/type Tunable White
Required components:
C16876_DAISSY-7X1-SHD-WHT



Light distribution files



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_DAISSY-7X1-SHD-WHT-MATT

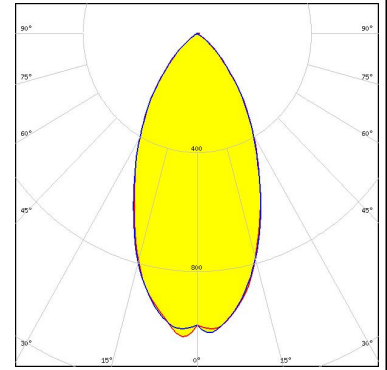


Light distribution files

OPTICAL RESULTS (SIMULATED):



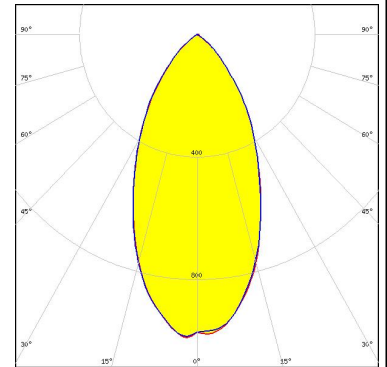
LED NF2W757H
FWHM / FWTM 50.0° / 94.0°
Efficiency 88 %
Peak intensity 1 cd/lm
LEDs/each optic 2
Light colour/type White
Required components:
C18167_DAISSY-7X1-SHD-MET



Light distribution files



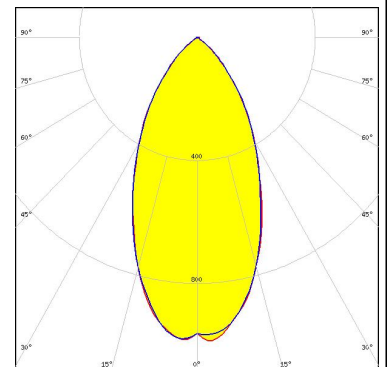
LED NF2W757H
FWHM / FWTM 50.0° / 94.0°
Efficiency 86 %
Peak intensity 1 cd/lm
LEDs/each optic 2
Light colour/type White
Required components:
C16876_DAISSY-7X1-SHD-WHT



Light distribution files



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_DAISSY-7X1-SHD-WHT-MATT

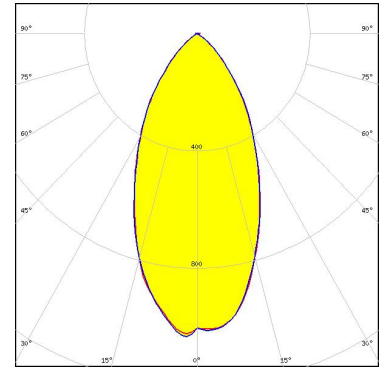


Light distribution files

OPTICAL RESULTS (SIMULATED):



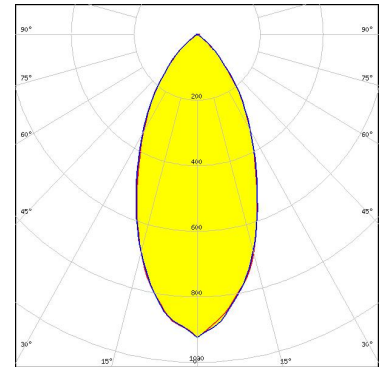
LED NF2W757H
FWHM / FWTM 50.0° / 94.0°
Efficiency 88 %
Peak intensity 1 cd/lm
LEDs/each optic 2
Light colour/type White
Required components:
C17533_DAISSY-7X1-SHD-MET-MATT



Light distribution files



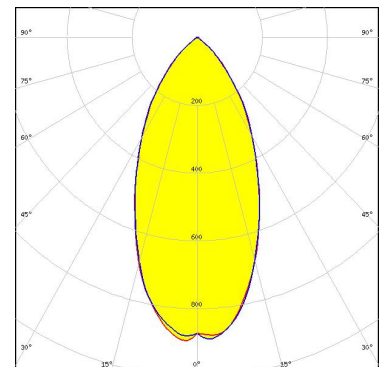
LED NF2W757H
FWHM / FWTM 48.0° / 94.0°
Efficiency 76 %
Peak intensity 0.9 cd/lm
LEDs/each optic 2
Light colour/type White
Required components:
C16872_DAISSY-7X1-SHD



Light distribution files



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_DAISSY-7X1-SHD-MATT

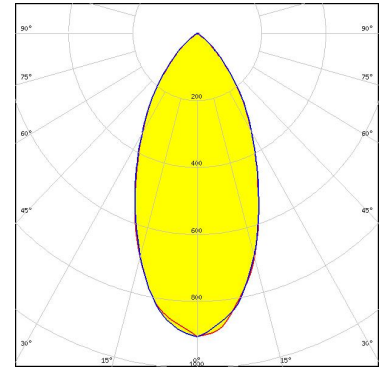


Light distribution files

OPTICAL RESULTS (SIMULATED):



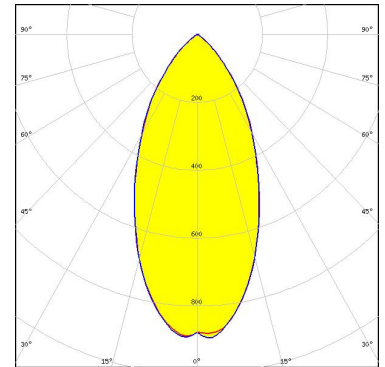
LED NF2x757G
FWHM / FWTM 48.0° / 93.0°
Efficiency 75 %
Peak intensity 0.9 cd/lm
LEDs/each optic 2
Light colour/type White
Required components:
C16872_DAISSY-7X1-SHD



Light distribution files



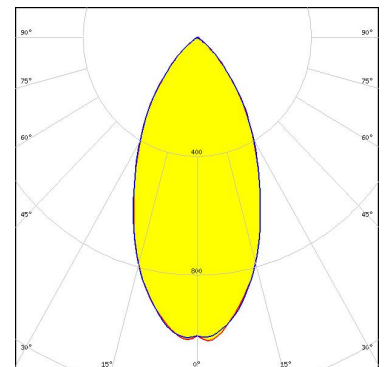
LED NF2x757G
FWHM / FWTM 50.0° / 94.0°
Efficiency 75 %
Peak intensity 0.9 cd/lm
LEDs/each optic 2
Light colour/type White
Required components:
C17051_DAISSY-7X1-SHD-MATT



Light distribution files



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_DAISSY-7X1-SHD-MET



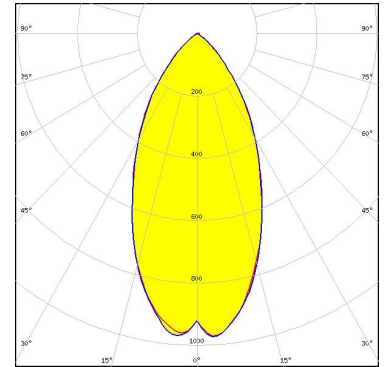
Light distribution files

OPTICAL RESULTS (SIMULATED):



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_DAISSY-7X1-SHD-WHT

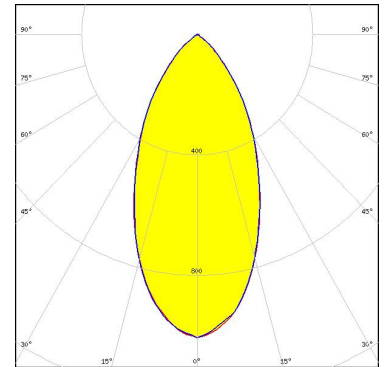


Light distribution files



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_DAISSY-7X1-SHD-WHT-MATT

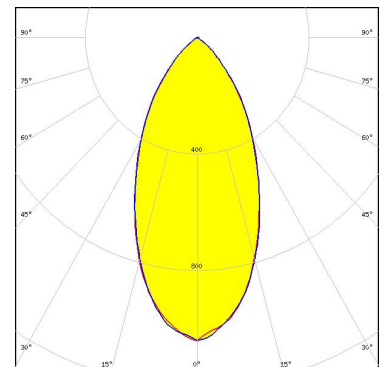


Light distribution files



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_DAISSY-7X1-SHD-MET-MATT



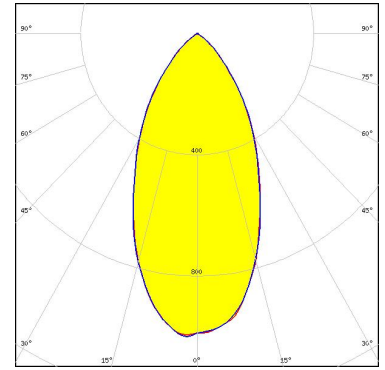
Light distribution files

OPTICAL RESULTS (SIMULATED):



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_DAISSY-7X1-SHD-WHT

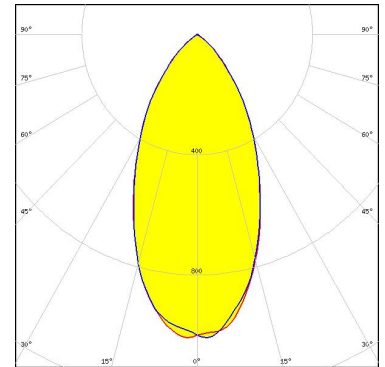


Light distribution files



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_DAISSY-7X1-SHD-WHT-MATT

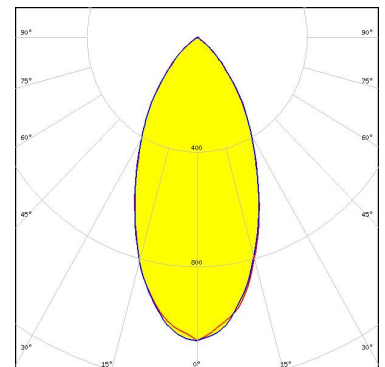


Light distribution files



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_DAISSY-7X1-SHD-MET-MATT

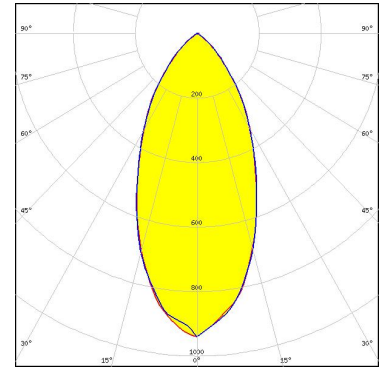


Light distribution files

OPTICAL RESULTS (SIMULATED):



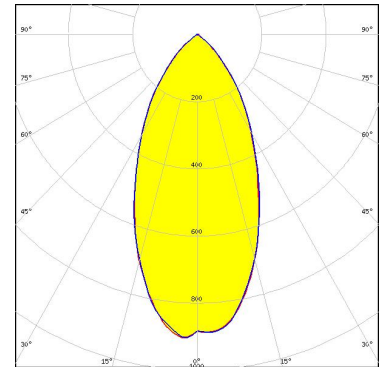
LED NFSW757H
FWHM / FWTM 48.0° / 93.0°
Efficiency 76 %
Peak intensity 0.9 cd/lm
LEDs/each optic 2
Light colour/type White
Required components:
C16872_DAISSY-7X1-SHD



Light distribution files



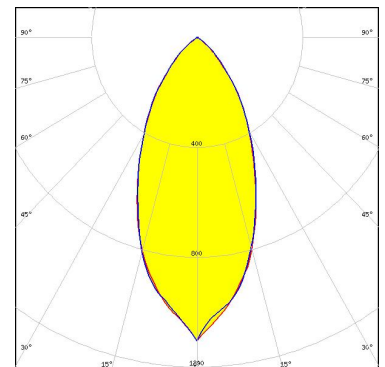
LED NFSW757H
FWHM / FWTM 50.0° / 94.0°
Efficiency 76 %
Peak intensity 0.9 cd/lm
LEDs/each optic 2
Light colour/type White
Required components:
C17051_DAISSY-7X1-SHD-MATT



Light distribution files



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_DAISSY-7X1-SHD-MET



Light distribution files

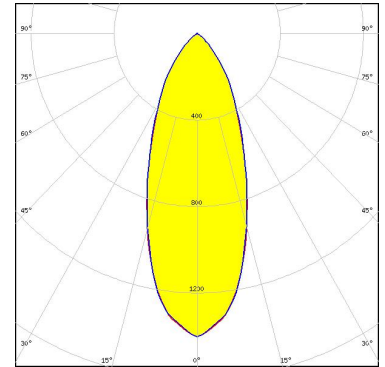
OPTICAL RESULTS (SIMULATED):

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_DAISSY-7X1-SHD-MATT



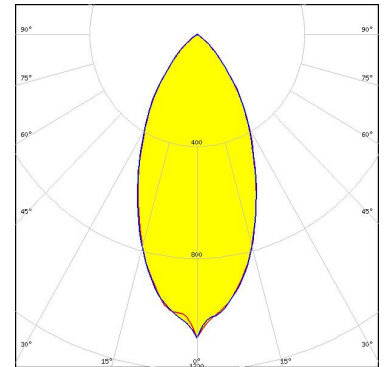
Light distribution files

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_DAISSY-7X1-SHD-WHT-MATT



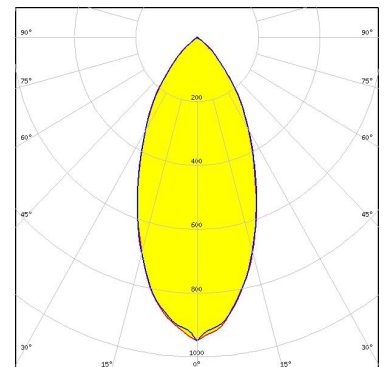
Light distribution files

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_DAISSY-7X1-SHD-MATT



Light distribution files

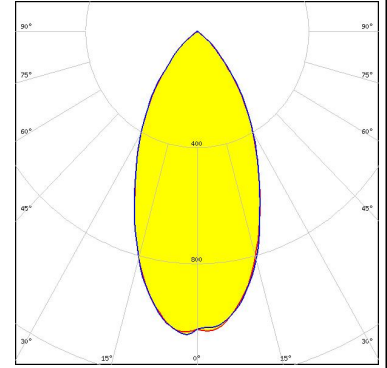
OPTICAL RESULTS (SIMULATED):

SAMSUNG

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

Required components:

C18167_DAISSY-7X1-SHD-MET



Light distribution files

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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LEDiL Oy

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Local sales and technical support

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations

Poznan, Poland
Hong Kong, China

Distribution Partners

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

Looking for pricing, stock, or lifecycle information?

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Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management