

DAISY-4X1-W-D

~50° wide beam. Variant with diffused lenses. Choose SHD with wide lips or SHD2 with no lips and square openings. SHD3 with narrow lips and round openings.

SPECIFICATION:

Dimensions	182.0 x 40.0
Height	20.2 mm
Fastening	pin, screw, clips
ROHS compliant	yes ⓘ



MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
DAISY-4X1-W-D	Linear lens	PMMA	milky		
DAISY-4X1-SHD3-MET-MATT	Shade	PC-ABS	metal	matt	
DAISY-4X1-SHD3-MET	Shade	PC	metal	gloss	
DAISY-4X1-SHD3-WHT-MATT	Shade	PC	white	matt	
DAISY-4X1-SHD3-WHT	Shade	PC	white	gloss	
DAISY-4X1-SHD3-MATT	Shade	PC-ABS	black	matt	
DAISY-4X1-SHD3	Shade	PC	black	gloss	
DAISY-4X1-SHD2	Shade	PC	black	gloss	
DAISY-4X1-SHD-MET	Shade	PC	metal	gloss	
DAISY-4X1-SHD2-MET-MATT	Shade	PC	metal	matt	
DAISY-4X1-SHD2-WHT-MATT	Shade	PC	white	matt	
DAISY-4X1-SHD2-MATT	Shade	PC	black	matt	
DAISY-4X1-SHD-WHT	Shade	PC	white	gloss	
DAISY-4X1-SHD	Shade	PC	black	gloss	

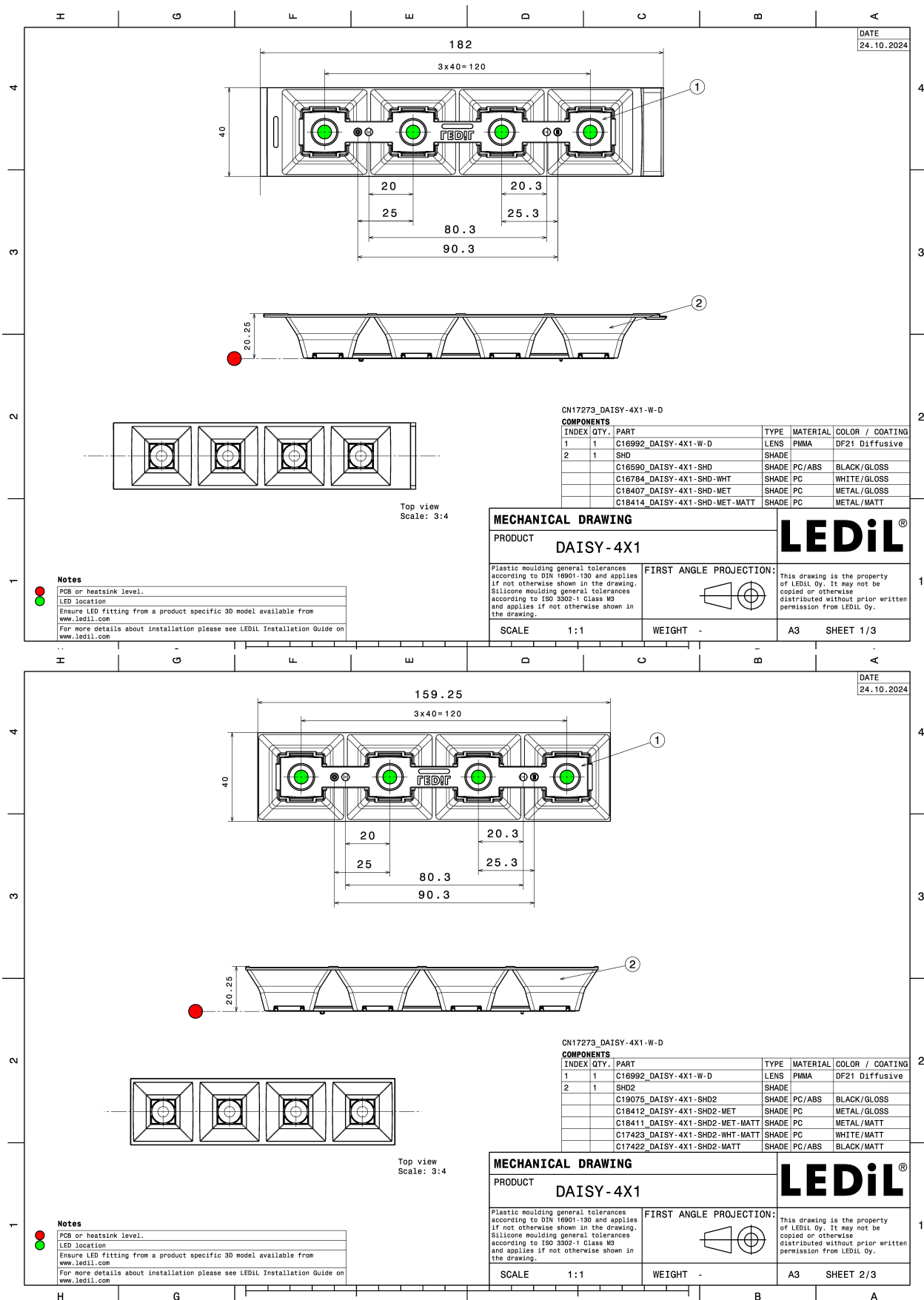
ORDERING INFORMATION:

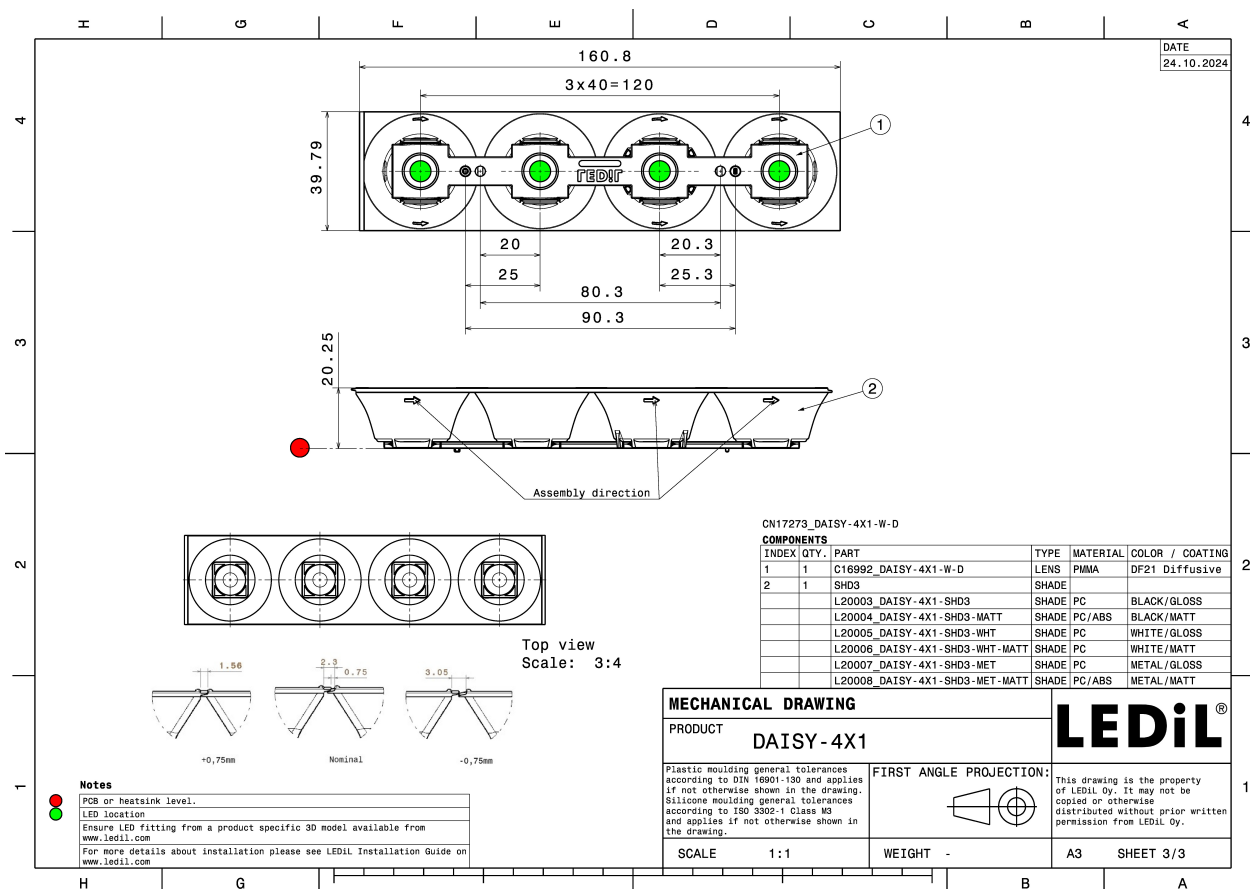
Quantities for one set:

Linear lens 1

Shade 1

Component		Qty in box	MOQ	MPQ	Box weight (kg)
C16992_DAISY-4X1-W-D » Box size: 480 x 280 x 300 mm	Linear lens	504	336	21	6.3
L20008_DAISY-4X1-SHD3-MET-MATT » Box size: 480 x 280 x 300 mm	Shade	168	336	42	3.8
C17423_DAISY-4X1-SHD2-WHT-MATT » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.9
L20004_DAISY-4X1-SHD3-MATT » Box size: 480 x 280 x 300 mm	Shade	168	336	42	3.8
C16590_DAISY-4X1-SHD » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.9
C17535_DAISY-4X1-SHD2-MET-MATT » Box size: 480 x 280 x 300 mm	Shade	168	336	168	4.1
L20005_DAISY-4X1-SHD3-WHT » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.0
C16784_DAISY-4X1-SHD-WHT » Box size: 480 x 280 x 300 mm	Shade	168	336	42	5.2
C18407_DAISY-4X1-SHD-MET » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.3
L20006_DAISY-4X1-SHD3-WHT-MATT » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.0
C19075_DAISY-4X1-SHD2 » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.4
L20007_DAISY-4X1-SHD3-MET » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.0
C17422_DAISY-4X1-SHD2-MATT » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.7
L20003_DAISY-4X1-SHD3 » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.0



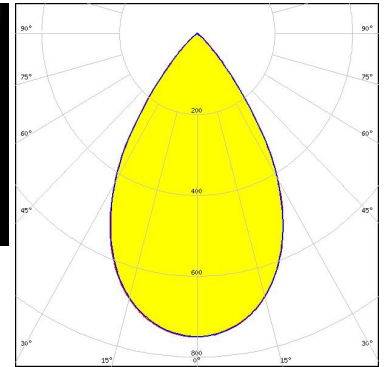


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



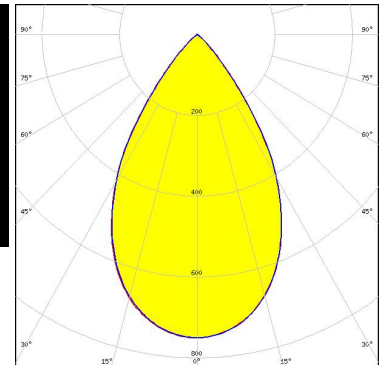
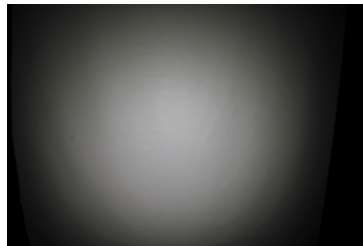
LED LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
 FWHM / FWTM 63.5° / 88.5°
 Efficiency 78 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 4
 Light colour/type White
 Required components:
 C16590_DAISY-4X1-SHD



Light distribution files



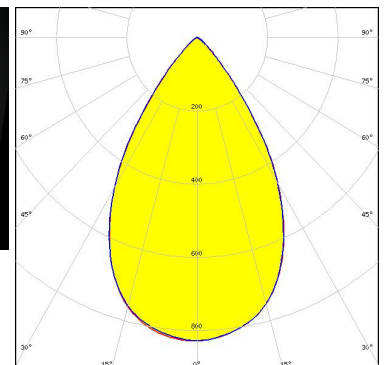
LED LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
 FWHM / FWTM 63.0° / 88.0°
 Efficiency 77 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 4
 Light colour/type White
 Required components:
 C17422_DAISY-4X1-SHD2-MATT



Light distribution files



LED LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
 FWHM / FWTM 63.5° / 90.0°
 Efficiency 90 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 4
 Light colour/type White
 Required components:
 C17528_DAISY-4X1-SHD-MET

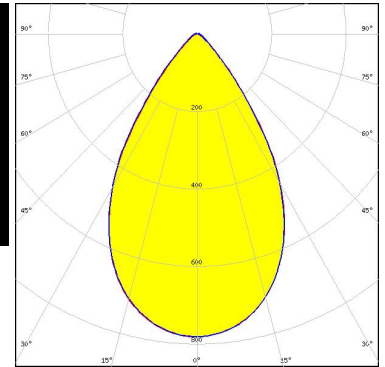


Light distribution files

OPTICAL RESULTS (MEASURED):



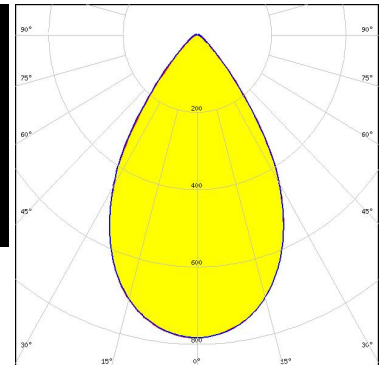
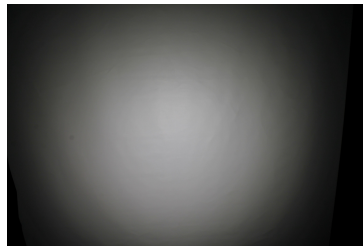
LED LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
 FWHM / FWTM 64.5° / 93.0°
 Efficiency 89 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 4
 Light colour/type White
 Required components:
 C16784_DAISY-4X1-SHD-WHT



Light distribution files



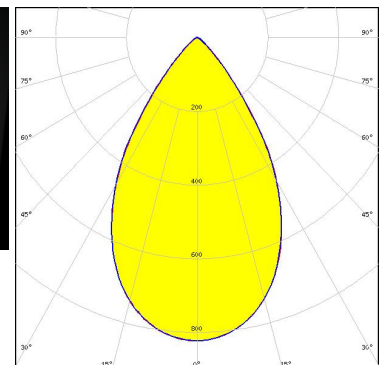
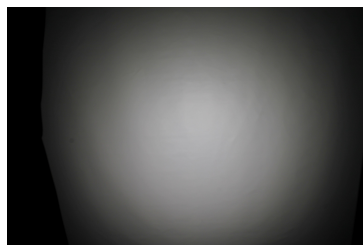
LED LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
 FWHM / FWTM 64.5° / 92.0°
 Efficiency 89 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 4
 Light colour/type White
 Required components:
 C17423_DAISY-4X1-SHD2-WHT-MATT



Light distribution files



LED LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
 FWHM / FWTM 63.5° / 90.0°
 Efficiency 88 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 4
 Light colour/type White
 Required components:
 C17535_DAISY-4X1-SHD2-MET-MATT

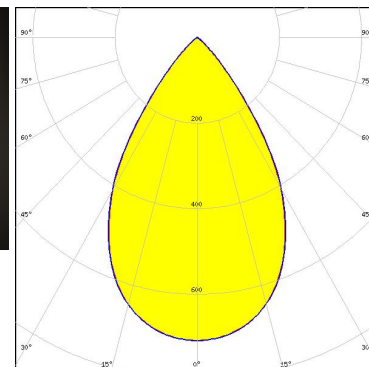
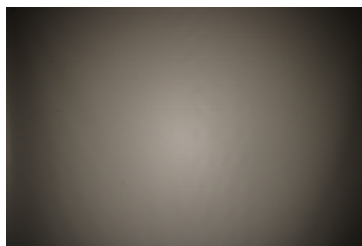


Light distribution files

OPTICAL RESULTS (MEASURED):

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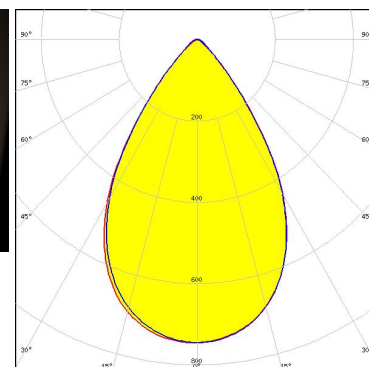
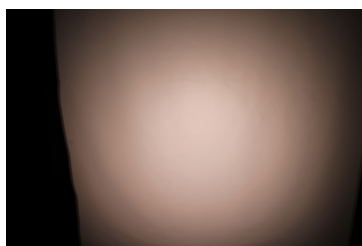
LED PL-LIN-1000 140x24mm
FWHM / FWTM 65.0° / 89.0°
Efficiency 76 %
Peak intensity 0.7 cd/lm
LEDs/each optic 4
Light colour/type White
Required components:
C17422_DAISSY-4X1-SHD2-MATT



Light distribution files

MST | Your solutions

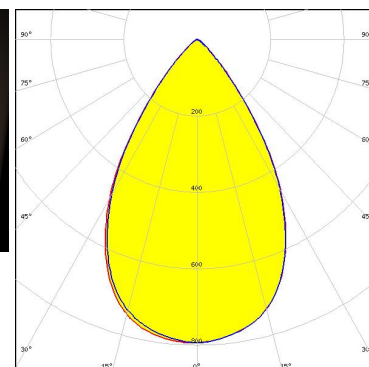
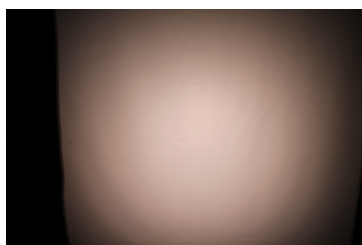
LED LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
FWHM / FWTM 66.0 + 65.5° / 94.0°
Efficiency 89 %
Peak intensity 0.7 cd/lm
LEDs/each optic 4
Light colour/type Tunable White
Required components:
C16784_DAISSY-4X1-SHD-WHT



Light distribution files

MST | Your solutions

LED LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
FWHM / FWTM 65.0 + 64.5° / 91.5 + 91.0°
Efficiency 89 %
Peak intensity 0.8 cd/lm
LEDs/each optic 4
Light colour/type Tunable White
Required components:
C17528_DAISSY-4X1-SHD-MET

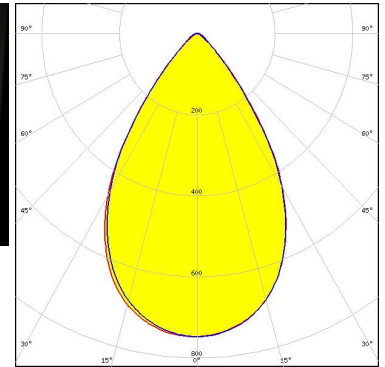
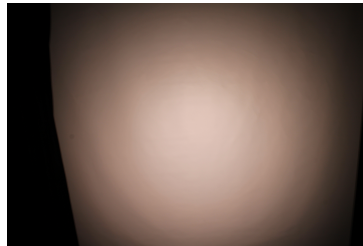


Light distribution files

OPTICAL RESULTS (MEASURED):

MST | Your solutions

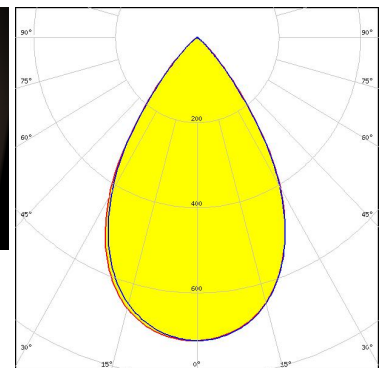
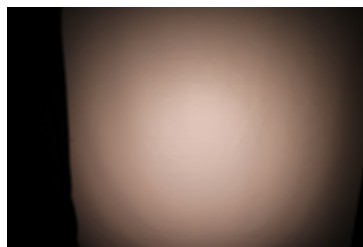
LED LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
 FWHM / FWTM 66.5 + 65.5° / 94.0°
 Efficiency 89 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 4
 Light colour/type Tunable White
 Required components:
 C17423_DAISSY-4X1-SHD2-WHT-MATT



Light distribution files

MST | Your solutions

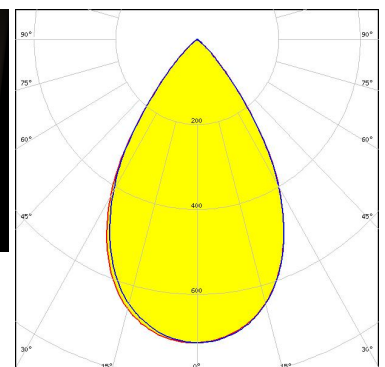
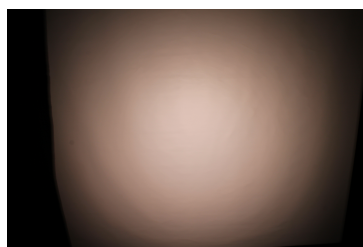
LED LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
 FWHM / FWTM 65.0 + 64.5° / 90.0 + 89.5°
 Efficiency 77 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 4
 Light colour/type Tunable White
 Required components:
 C16590_DAISSY-4X1-SHD



Light distribution files

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LED LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
 FWHM / FWTM 64.5° / 90.0 + 89.5°
 Efficiency 76 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 4
 Light colour/type Tunable White
 Required components:
 C17422_DAISSY-4X1-SHD2-MATT

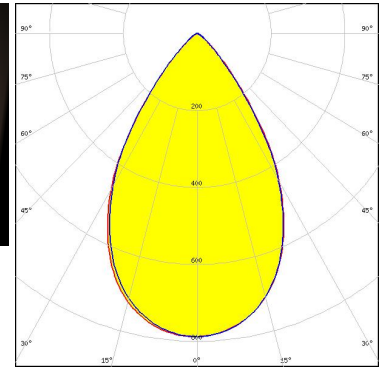
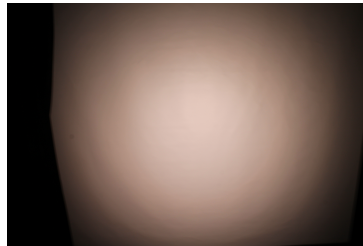


Light distribution files

OPTICAL RESULTS (MEASURED):

MST | Your solutions

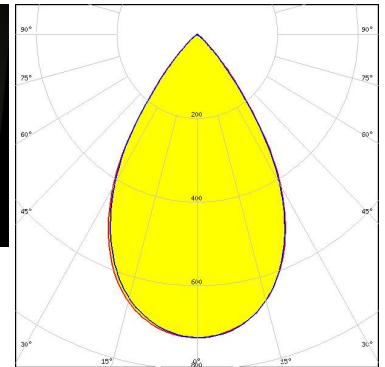
LED LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
 FWHM / FWTM 64.5° / 92.5 + 92.0°
 Efficiency 87 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 4
 Light colour/type Tunable White
 Required components:
 C17535_DAISSY-4X1-SHD2-MET-MATT



Light distribution files

MST | Your solutions

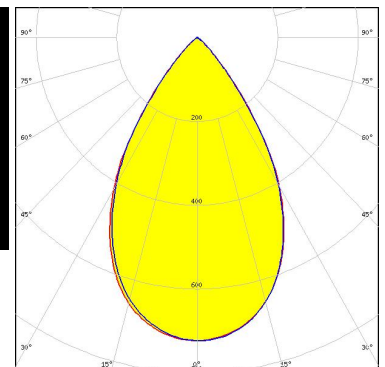
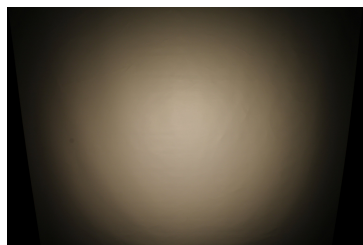
LED LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
 FWHM / FWTM 64.0° / 89.0 + 88.5°
 Efficiency 77 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 4
 Light colour/type White
 Required components:
 C16590_DAISSY-4X1-SHD



Light distribution files

MST | Your solutions

LED LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
 FWHM / FWTM 64.0 + 63.5° / 89.5 + 89.0°
 Efficiency 76 %
 Peak intensity 0.7 cd/lm
 LEDs/each optic 4
 Light colour/type White
 Required components:
 C17422_DAISSY-4X1-SHD2-MATT

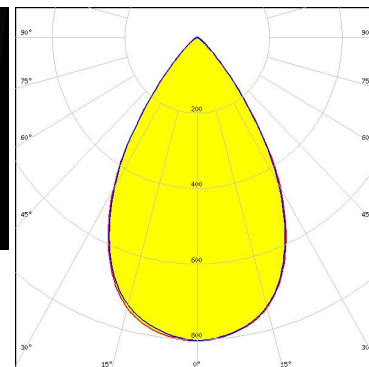
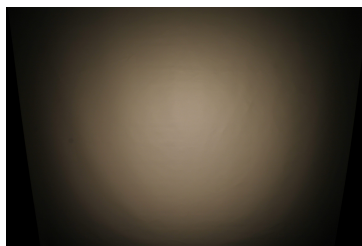


Light distribution files

OPTICAL RESULTS (MEASURED):

MST | Your solutions

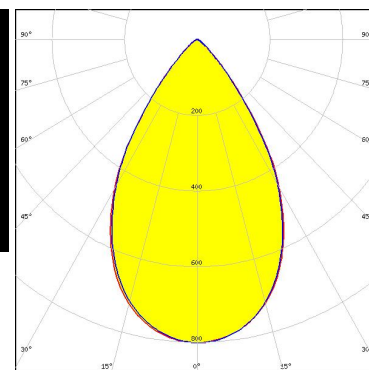
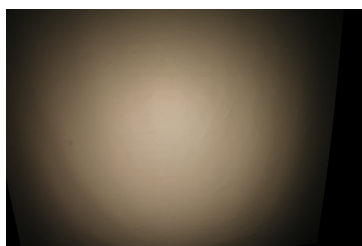
LED LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
FWHM / FWTM 64.0° / 91.0 + 90.5°
Efficiency 88 %
Peak intensity 0.8 cd/lm
LEDs/each optic 4
Light colour/type White
Required components:
C17528_DAISSY-4X1-SHD-MET



Light distribution files

MST | Your solutions

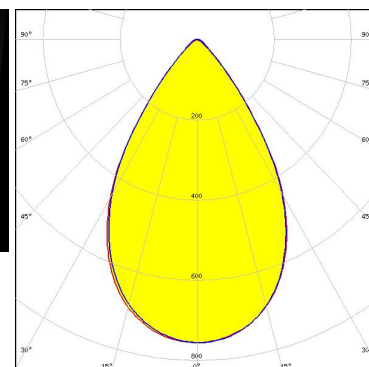
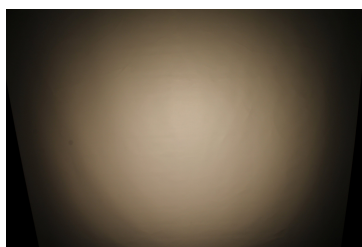
LED LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
FWHM / FWTM 64.0° / 92.0°
Efficiency 87 %
Peak intensity 0.8 cd/lm
LEDs/each optic 4
Light colour/type White
Required components:
C17535_DAISSY-4X1-SHD2-MET-MATT



Light distribution files

MST | Your solutions

LED LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
FWHM / FWTM 65.5 + 65.0° / 93.0 + 93.5°
Efficiency 88 %
Peak intensity 0.8 cd/lm
LEDs/each optic 4
Light colour/type White
Required components:
C16784_DAISSY-4X1-SHD-WHT

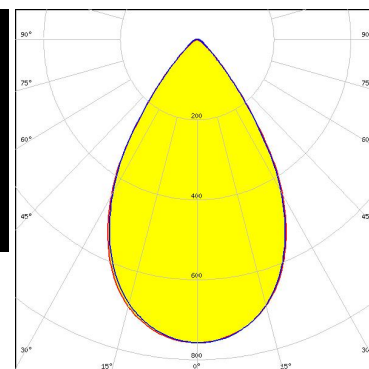
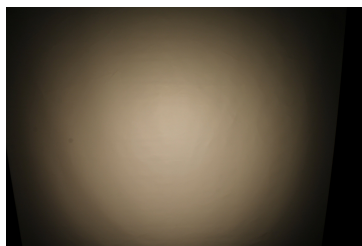


Light distribution files

OPTICAL RESULTS (MEASURED):

MST | Your solutions

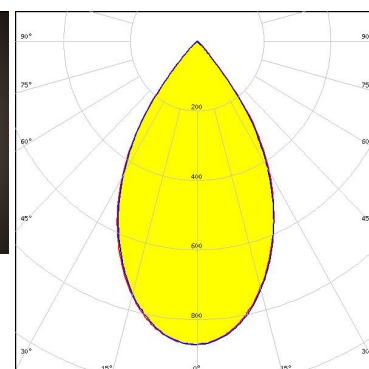
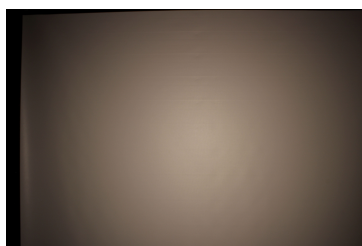
LED LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
FWHM / FWTM 65.0° / 93.0°
Efficiency 88 %
Peak intensity 0.8 cd/lm
LEDs/each optic 4
Light colour/type White
Required components:
C17423_DAISSY-4X1-SHD2-WHT-MATT



Light distribution files

NICHIA

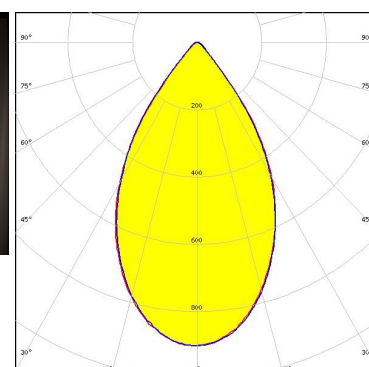
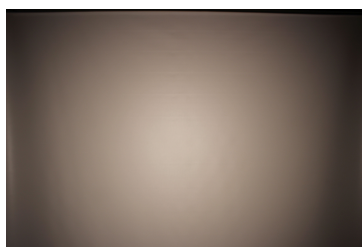
LED NF2W757G-MT (Tunable White)
FWHM / FWTM 60.0° / 84.0°
Efficiency 82 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type Tunable White
Required components:
C16590_DAISSY-4X1-SHD



Light distribution files

NICHIA

LED NF2W757G-MT (Tunable White)
FWHM / FWTM 61.0° / 86.0°
Efficiency 93 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type Tunable White
Required components:
C16784_DAISSY-4X1-SHD-WHT

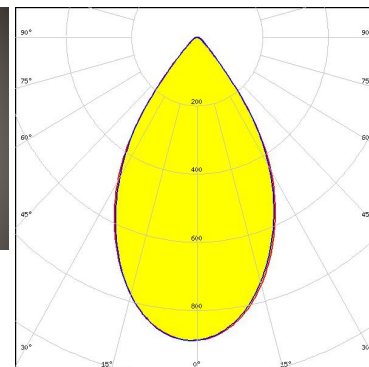
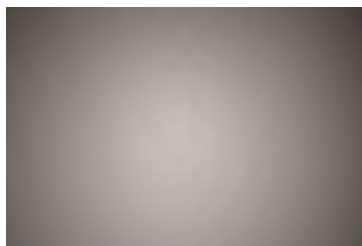


Light distribution files

OPTICAL RESULTS (MEASURED):

SAMSUNG

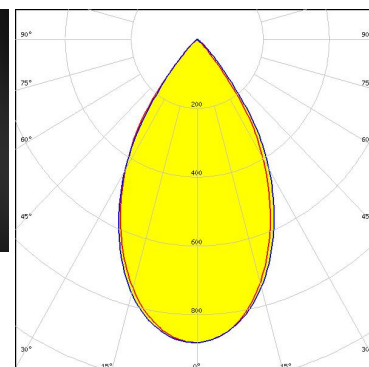
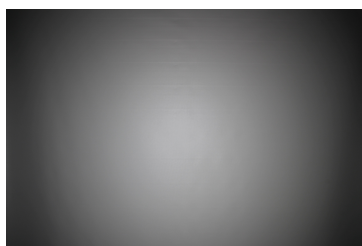
LED LM28xB Series
FWHM / FWTM 62.0° / 87.0°
Efficiency 92 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C16784_DAISY-4X1-SHD-WHT



Light distribution files

SAMSUNG

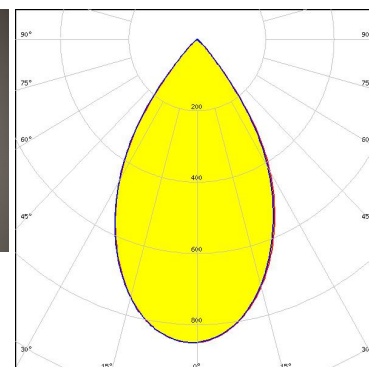
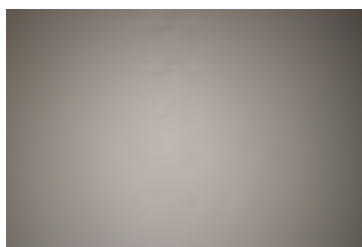
LED LM28xB Series
FWHM / FWTM 59.0° / 85.0°
Efficiency 81 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C17422_DAISY-4X1-SHD2-MATT



Light distribution files

SAMSUNG

LED LM28xB Series
FWHM / FWTM 61.0° / 85.0°
Efficiency 82 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C16590_DAISY-4X1-SHD

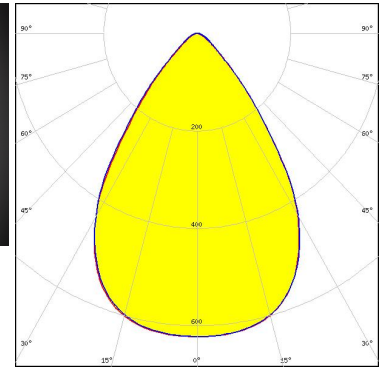
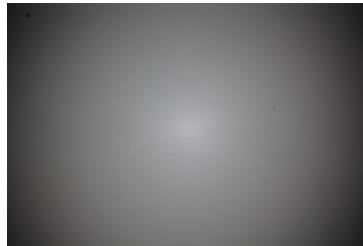


Light distribution files

OPTICAL RESULTS (MEASURED):



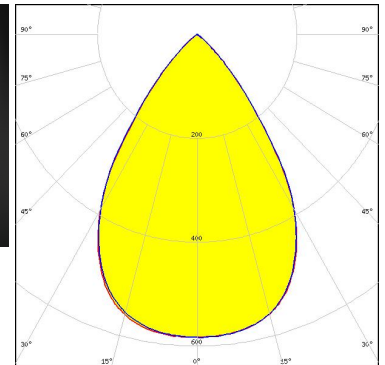
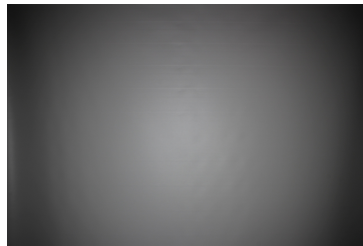
LED PassivePAQ-L-0.5F35-SSA3-1.6K-840-3-DC
 FWHM / FWTM 70.0° / 100.0°
 Efficiency 87 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 4
 Light colour/type White
 Required components:
 C16784_DAISSY-4X1-SHD-WHT



Light distribution files



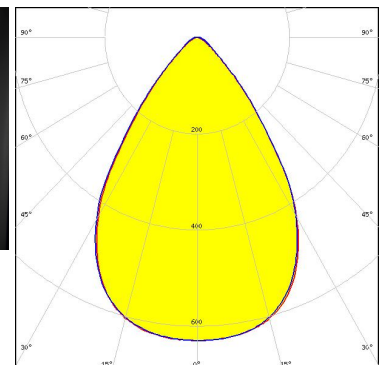
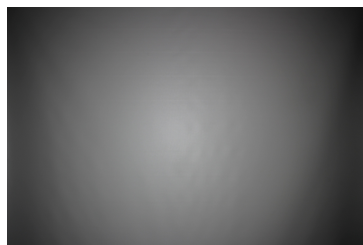
LED PassivePAQ-L-0.5F35-SSA3-1.6K-840-3-DC
 FWHM / FWTM 69.0° / 93.0°
 Efficiency 71 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 4
 Light colour/type White
 Required components:
 C17422_DAISSY-4X1-SHD2-MATT



Light distribution files



LED PassivePAQ-L-0.5F35-SSA3-1.6K-840-3-DC
 FWHM / FWTM 70.0° / 100.0°
 Efficiency 88 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 4
 Light colour/type White
 Required components:
 C17423_DAISSY-4X1-SHD2-WHT-MATT

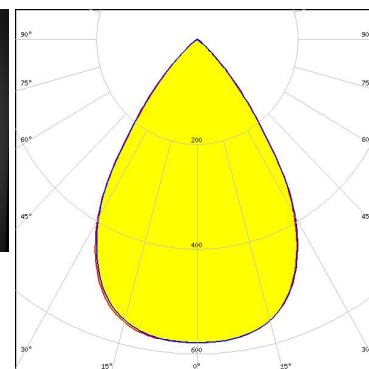
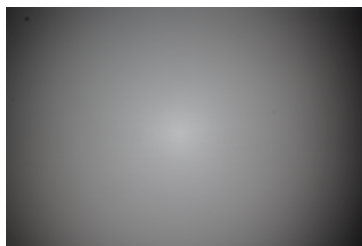


Light distribution files

OPTICAL RESULTS (MEASURED):



LED PassivePAQ-L-0.5F35-SSA3-1.6K-840-3-DC
 FWHM / FWTM 69.0° / 93.0°
 Efficiency 72 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 4
 Light colour/type White
 Required components:
 C16590_DAISY-4X1-SHD

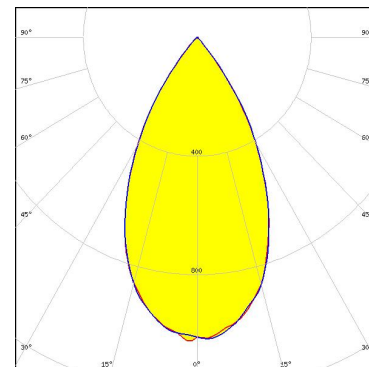


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

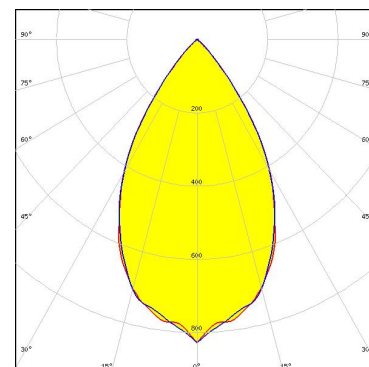
LED LM28xB Series
FWHM / FWTM 54.0° / 80.0°
Efficiency 80 %
Peak intensity 1 cd/lm
LEDs/each optic 2
Light colour/type White
Required components:
C17422_DAISSY-4X1-SHD2-MATT



Light distribution files

SAMSUNG

LED LM28xB Series
FWHM / FWTM 60.0° / 86.0°
Efficiency 77 %
Peak intensity 0.8 cd/lm
LEDs/each optic 4
Light colour/type White
Required components:
C17422_DAISSY-4X1-SHD2-MATT



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:

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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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