

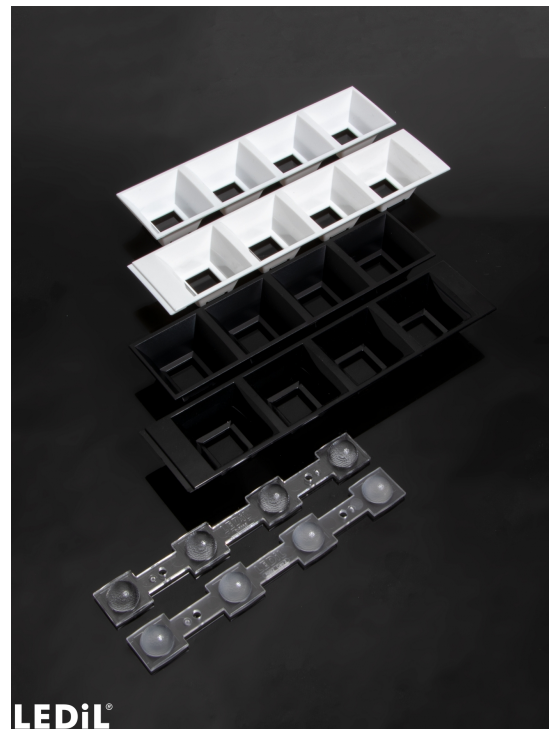
DAISY-4X1-W-D

~50° wide beam. Variant with diffused lenses.

SPECIFICATION:

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

MATERIALS:



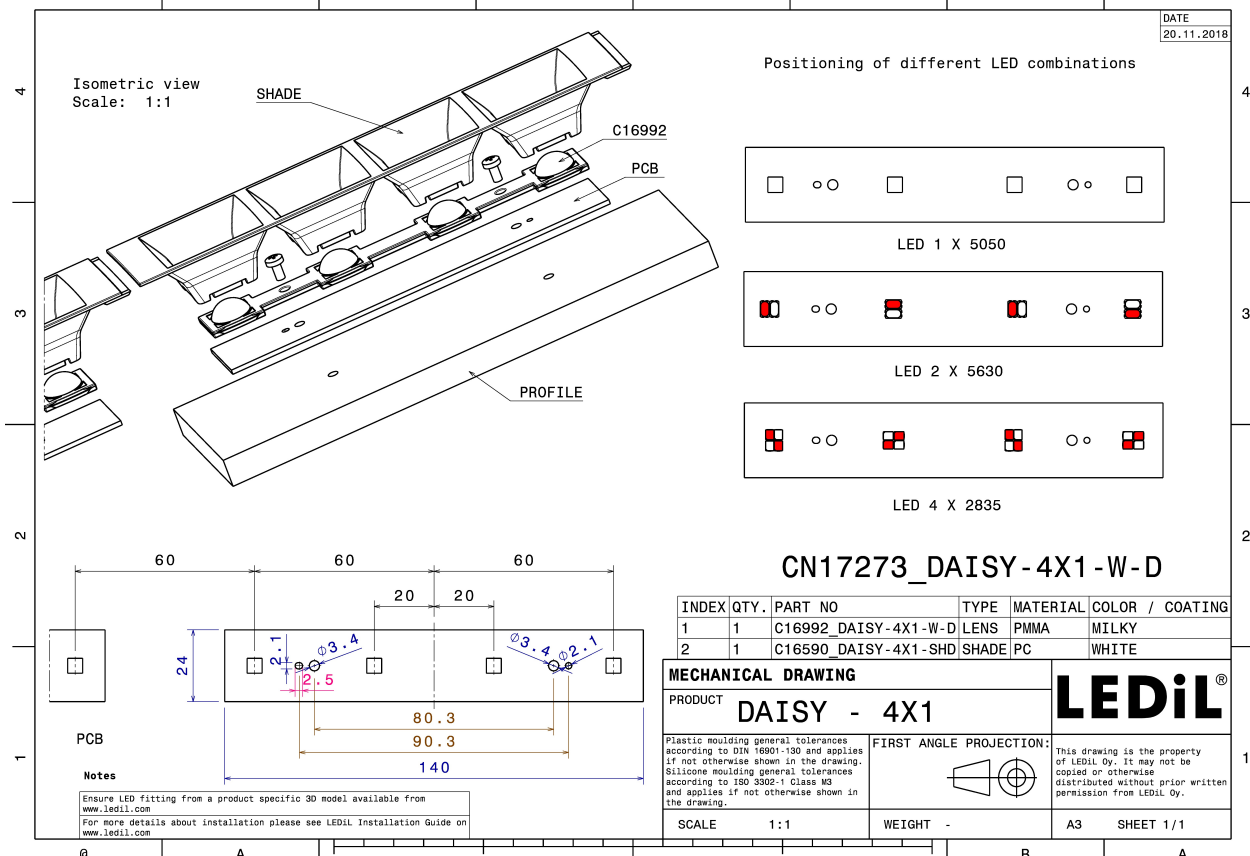
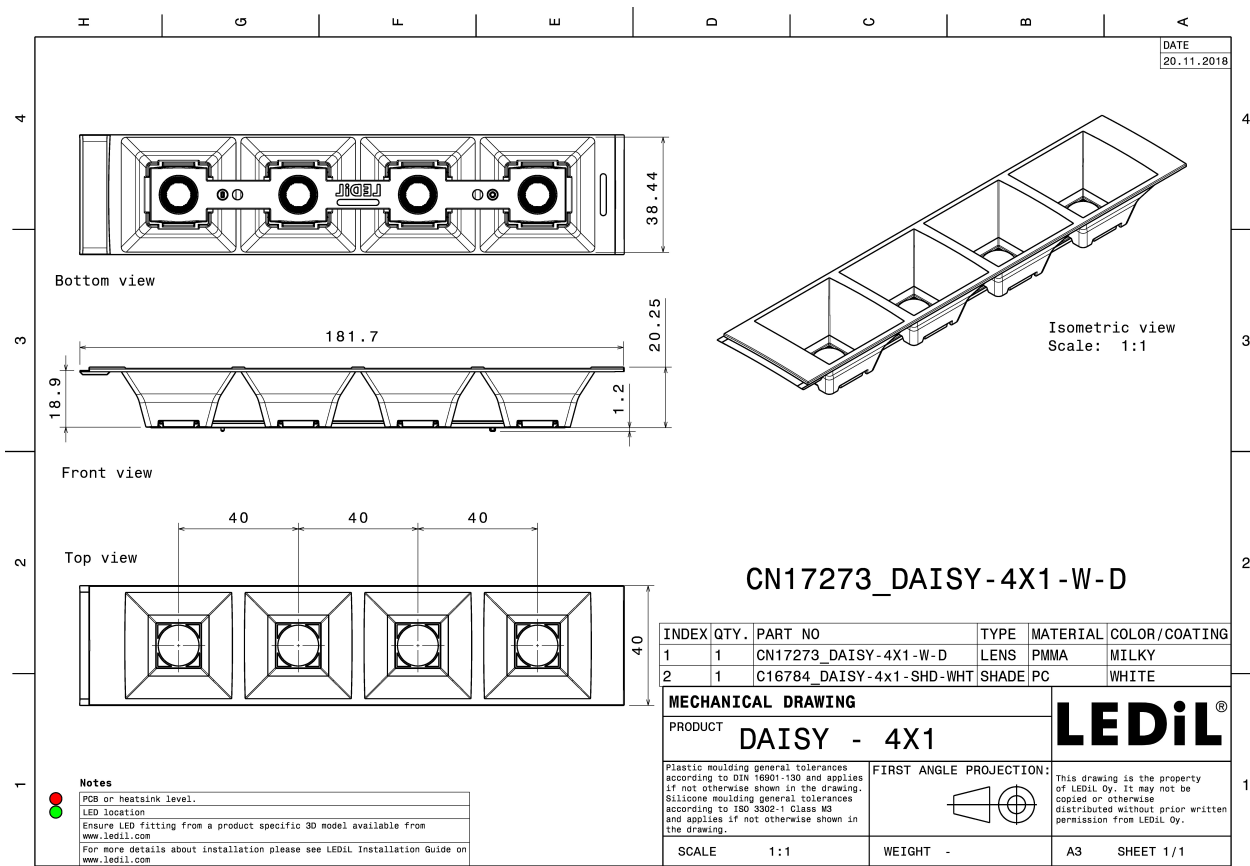
Component	Type	Material	Colour	Finish
C16992_DAISY-4X1-W-D	Linear lens	PMMA	milky	
C19075_DAISY-4X1-SHD2	Shade	PC	black	gloss
C18407_DAISY-4X1-SHD-MET	Shade	PC	metal	gloss
C17535_DAISY-4X1-SHD2-MET-MATT	Shade	PC	metal	matt
C17423_DAISY-4X1-SHD2-WHT-MATT	Shade	PC	white	matt
C17422_DAISY-4X1-SHD2-MATT	Shade	PC	black	matt
C16784_DAISY-4X1-SHD-WHT	Shade	PC	white	gloss
C16590_DAISY-4X1-SHD	Shade	PC	black	gloss

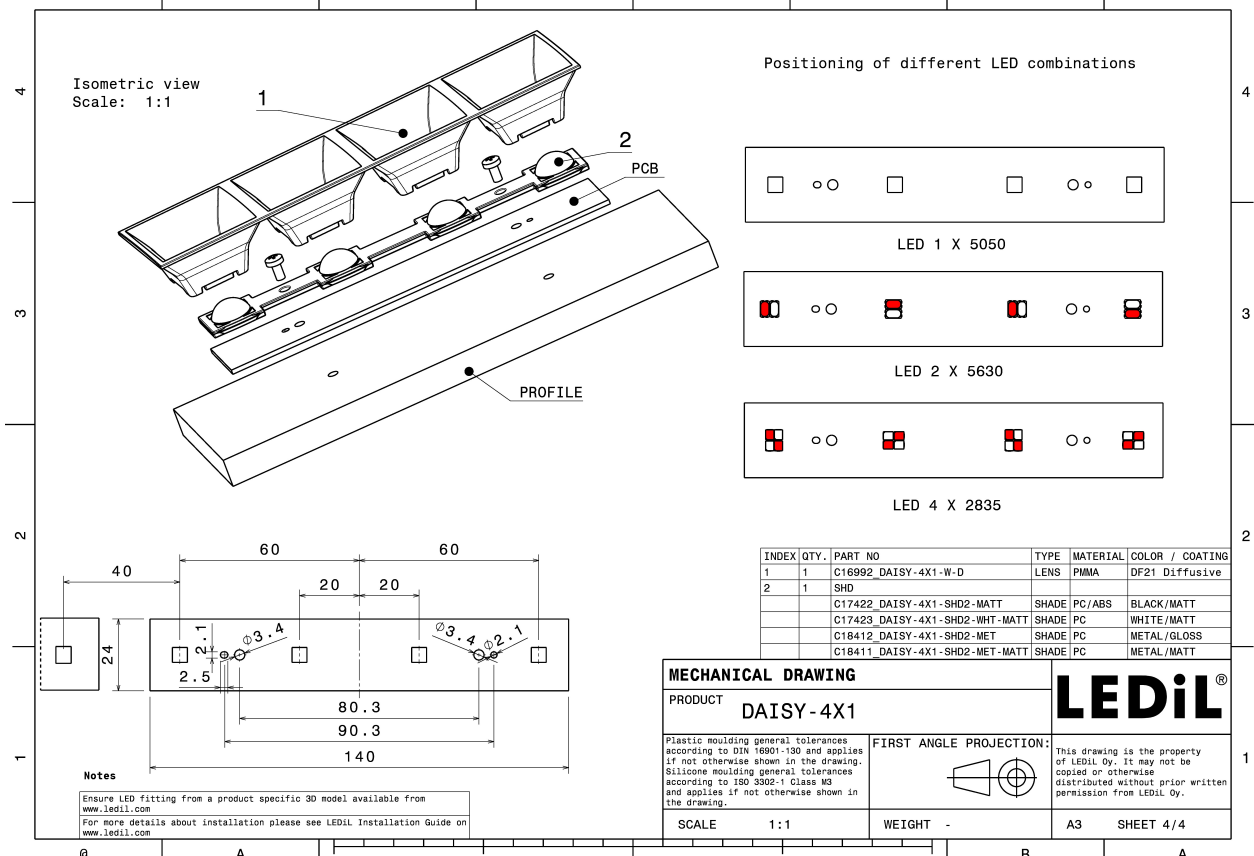
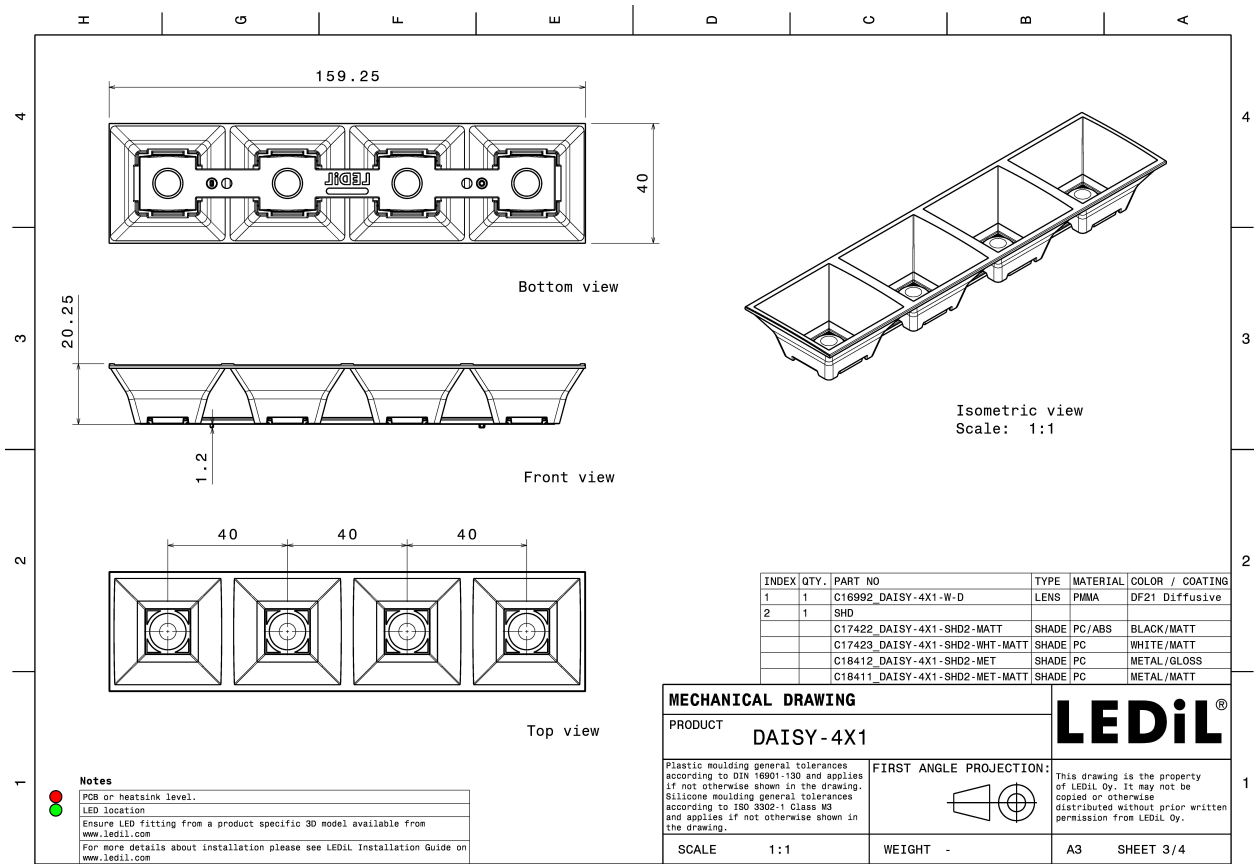
ORDERING INFORMATION:

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
C18407_DAISY-4X1-SHD-MET » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.3
C17422_DAISY-4X1-SHD2-MATT » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.7
C19075_DAISY-4X1-SHD2 » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.4
C16590_DAISY-4X1-SHD » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.9
C17423_DAISY-4X1-SHD2-WHT-MATT » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.9
C16784_DAISY-4X1-SHD-WHT » Box size: 480 x 280 x 300 mm	Shade	168	336	42	5.2
C17535_DAISY-4X1-SHD2-MET-MATT » Box size: 480 x 280 x 300 mm	Shade	168	336	168	4.1



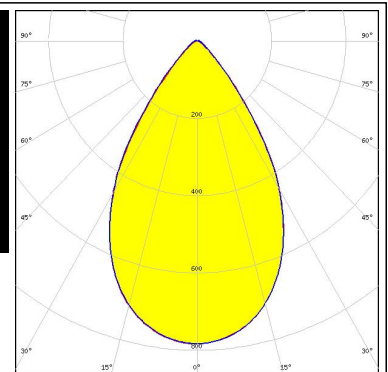


See also our general installation guide: www.ledil.com/installation_guide

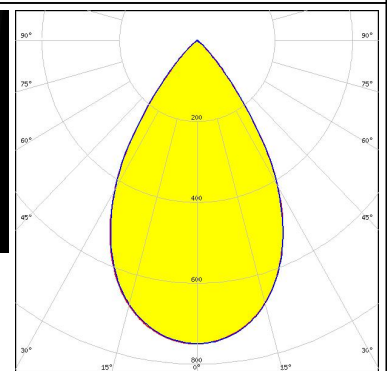
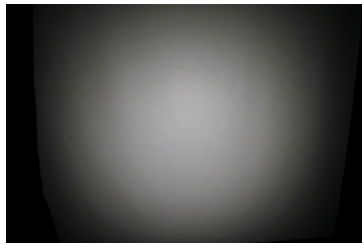
OPTICAL RESULTS (MEASURED):



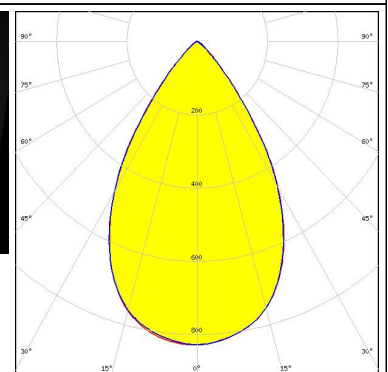
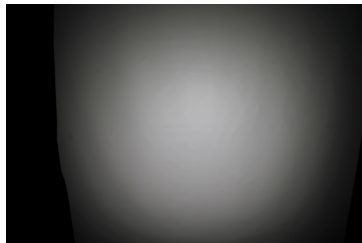
LED LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
 FWHM / FWTM 64.5° / 92.0°
 Efficiency 89 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C17423_DAISY-4X1-SHD2-WHT-MATT



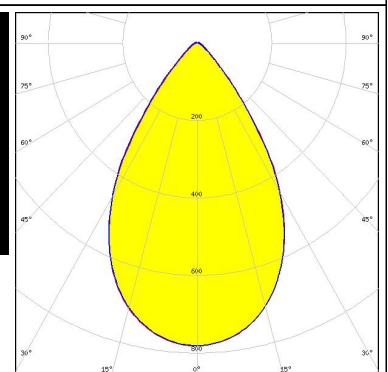
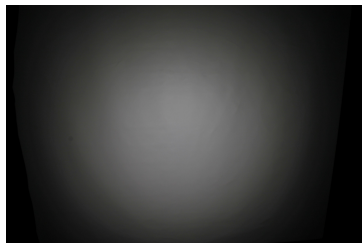
LED LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
 FWHM / FWTM 63.5° / 88.5°
 Efficiency 78 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C16590_DAISY-4X1-SHD



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 White
 Required components:
 C17528_DAISY-4X1-SHD-MET



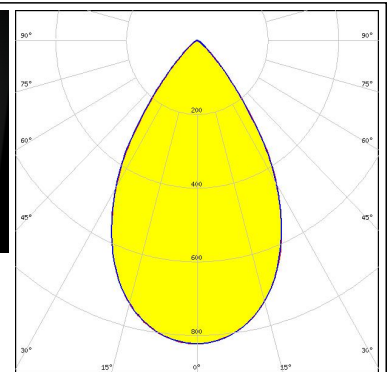
LED LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
 FWHM / FWTM 64.5° / 93.0°
 Efficiency 89 %
 Peak intensity 0.8 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C16784_DAISY-4X1-SHD-WHT



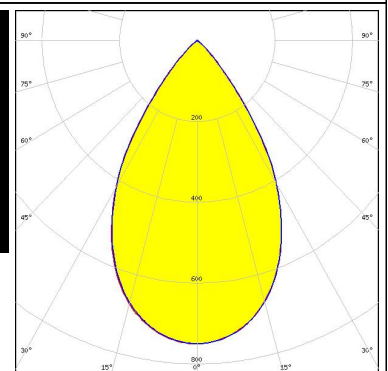
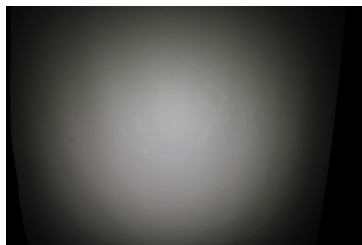
OPTICAL RESULTS (MEASURED):



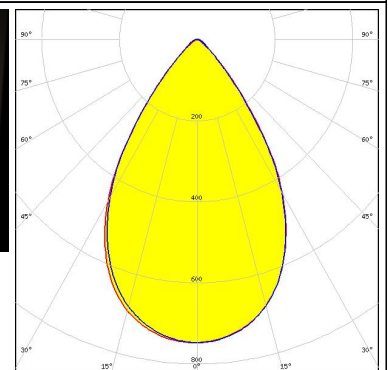
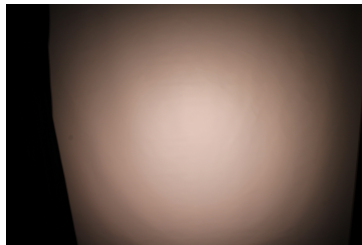
LED LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
FWHM / FWTM 63.5° / 90.0°
Efficiency 88 %
Peak intensity 0.8 cd/lm
LEDs/each optic 4
Light colour White
Required components:
C17535_DAISY-4X1-SHD2-MET-MATT



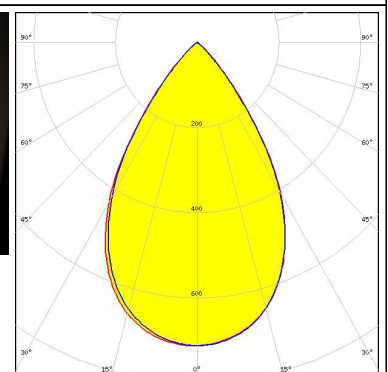
LED LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm
FWHM / FWTM 63.0° / 88.0°
Efficiency 77 %
Peak intensity 0.8 cd/lm
LEDs/each optic 4
Light colour White
Required components:
C17422_DAISY-4X1-SHD2-MATT



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 Tunable White
Required components:
C17423_DAISY-4X1-SHD2-WHT-MATT



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 Tunable White
Required components:
C16590_DAISY-4X1-SHD

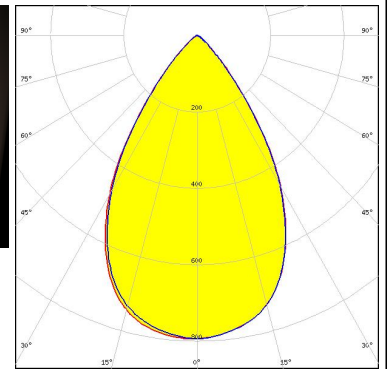
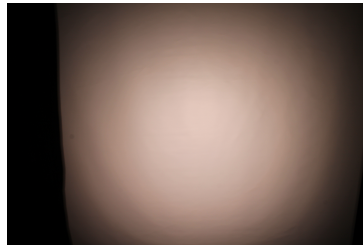


OPTICAL RESULTS (MEASURED):

MST

Your solutions

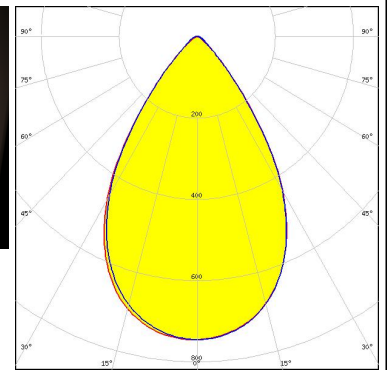
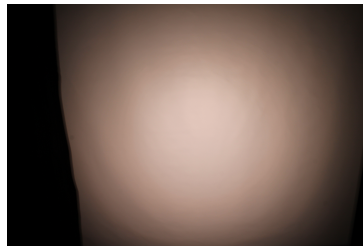
LED LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
FWHM / FWTM 65.0 + 64.5° / 91.5 + 91.0°
Efficiency 89 %
Peak intensity 0.8 cd/lm
LEDs/each optic 4
Light colour Tunable White
Required components:
C17528_DAISSY-4X1-SHD-MET



MST

Your solutions

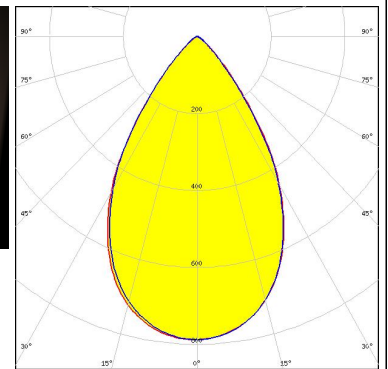
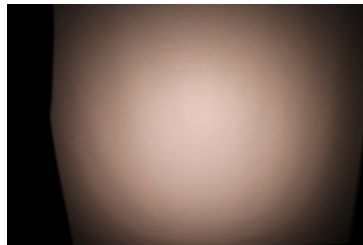
LED LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
FWHM / FWTM 66.0 + 65.5° / 94.0°
Efficiency 89 %
Peak intensity 0.7 cd/lm
LEDs/each optic 4
Light colour Tunable White
Required components:
C16784_DAISSY-4X1-SHD-WHT



MST

Your solutions

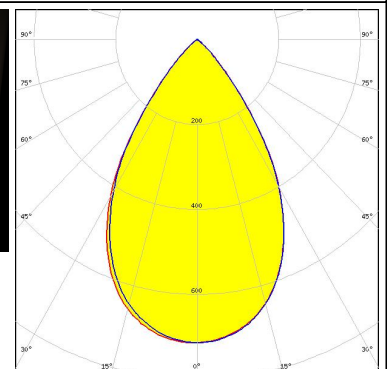
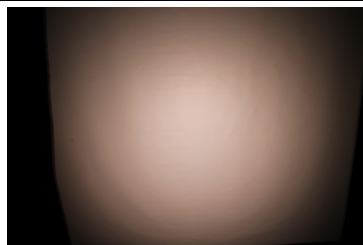
LED LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1
FWHM / FWTM 64.5° / 92.5 + 92.0°
Efficiency 87 %
Peak intensity 0.8 cd/lm
LEDs/each optic 4
Light colour Tunable White
Required components:
C17535_DAISSY-4X1-SHD2-MET-MATT



MST

Your solutions

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 Tunable White
Required components:
C17422_DAISSY-4X1-SHD2-MATT

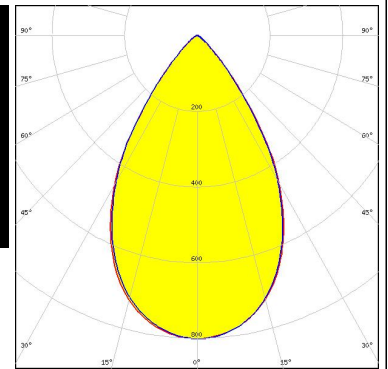


OPTICAL RESULTS (MEASURED):

MST

Your solutions

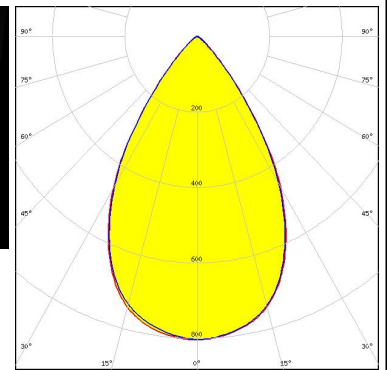
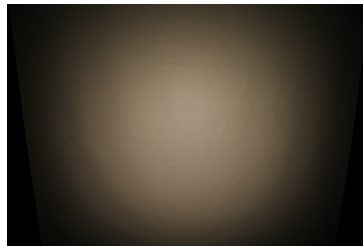
LED LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
FWHM / FWTM 64.0° / 92.0°
Efficiency 87 %
Peak intensity 0.8 cd/lm
LEDs/each optic 4
Light colour White
Required components:
C17535_DAISSY-4X1-SHD2-MET-MATT



MST

Your solutions

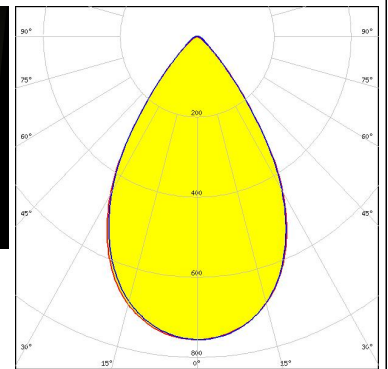
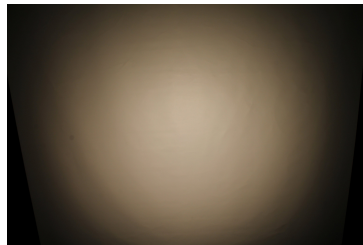
LED LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
FWHM / FWTM 64.0° / 91.0 + 90.5°
Efficiency 88 %
Peak intensity 0.8 cd/lm
LEDs/each optic 4
Light colour White
Required components:
C17528_DAISSY-4X1-SHD-MET



MST

Your solutions

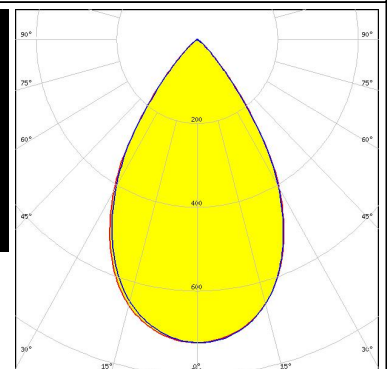
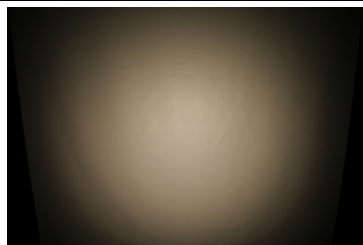
LED LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
FWHM / FWTM 65.5 + 65.0° / 93.0 + 93.5°
Efficiency 88 %
Peak intensity 0.8 cd/lm
LEDs/each optic 4
Light colour White
Required components:
C16784_DAISSY-4X1-SHD-WHT



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 White
Required components:
C17422_DAISSY-4X1-SHD2-MATT

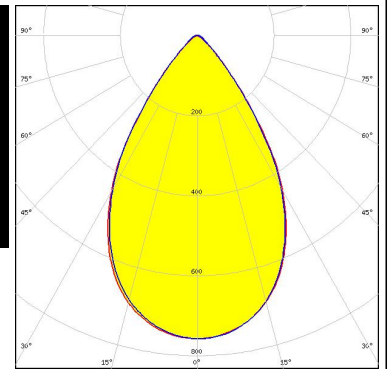
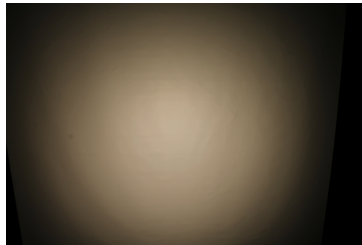


OPTICAL RESULTS (MEASURED):

MST

Your solutions

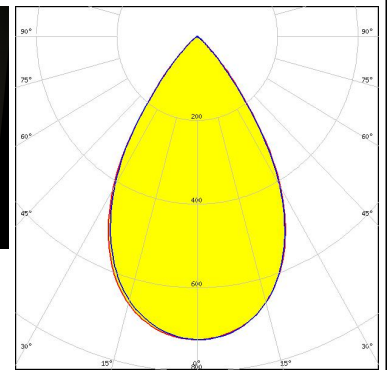
LED LinLED 156x28mm 800lm 8x0 2C 12V Opt G1
FWHM / FWTM 65.0° / 93.0°
Efficiency 88 %
Peak intensity 0.8 cd/lm
LEDs/each optic 4
Light colour White
Required components:
C17423_DAISY-4X1-SHD2-WHT-MATT



MST

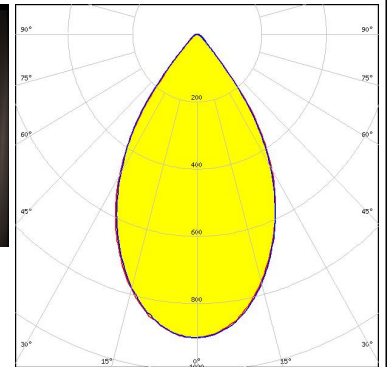
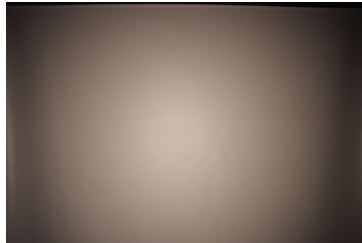
Your solutions

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 White
Required components:
C16590_DAISY-4X1-SHD



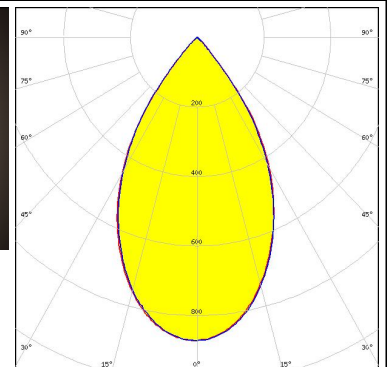
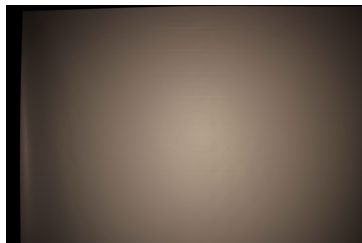
NICHIA

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 Tunable White
Required components:
C16784_DAISY-4X1-SHD-WHT



NICHIA

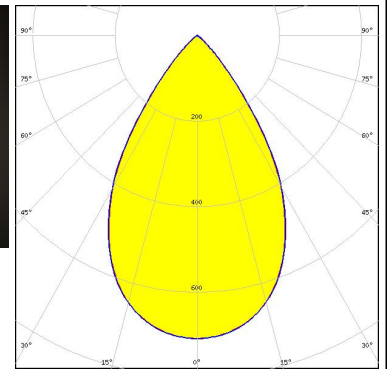
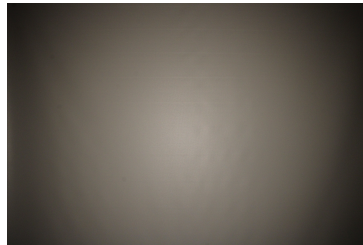
LED NF2W757G-MT (Tunable White)
FWHM / FWTM 60.0° / 84.0°
Efficiency 82 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour Tunable White
Required components:
C16590_DAISY-4X1-SHD



OPTICAL RESULTS (MEASURED):

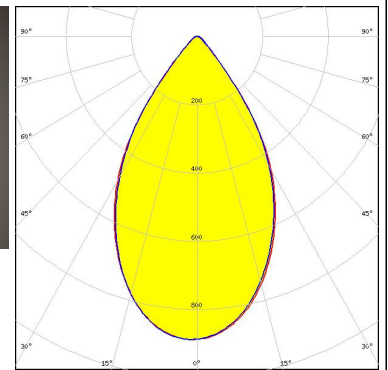
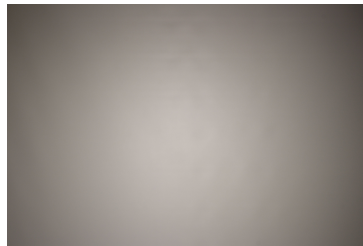
OSRAM

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 White
Required components:
C17422_DAISSY-4X1-SHD2-MATT



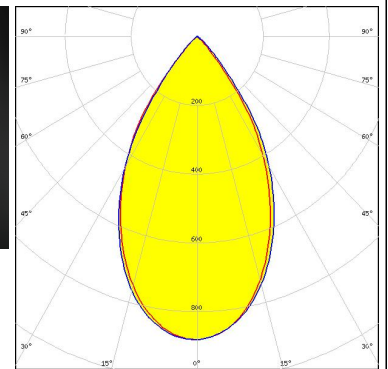
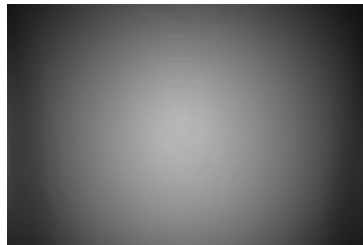
SAMSUNG

LED LM28xB Series
FWHM / FWTM 62.0° / 87.0°
Efficiency 92 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C16784_DAISSY-4X1-SHD-WHT



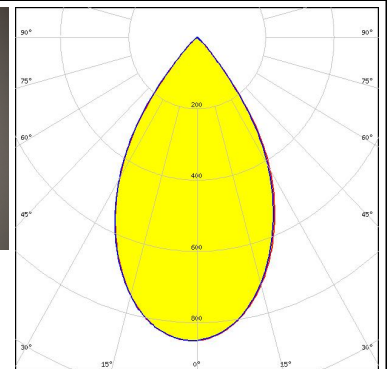
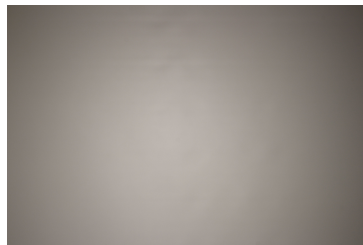
SAMSUNG

LED LM28xB Series
FWHM / FWTM 59.0° / 85.0°
Efficiency 81 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C17422_DAISSY-4X1-SHD2-MATT



SAMSUNG

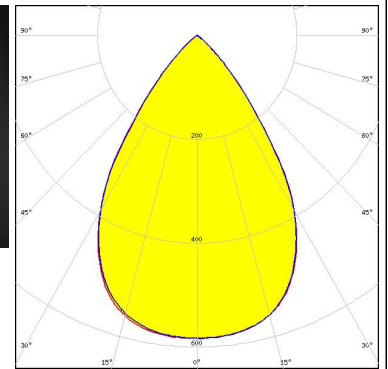
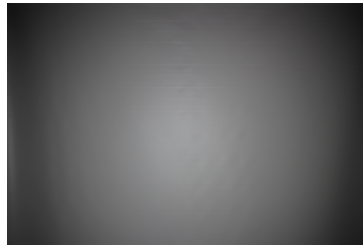
LED LM28xB Series
FWHM / FWTM 61.0° / 85.0°
Efficiency 82 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C16590_DAISSY-4X1-SHD



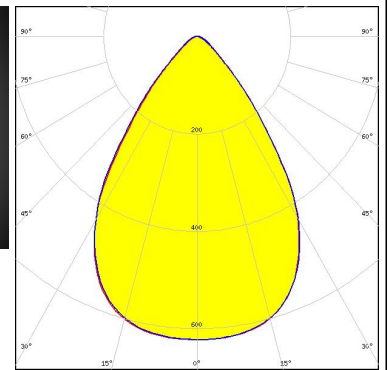
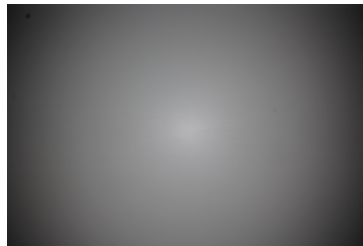
OPTICAL RESULTS (MEASURED):



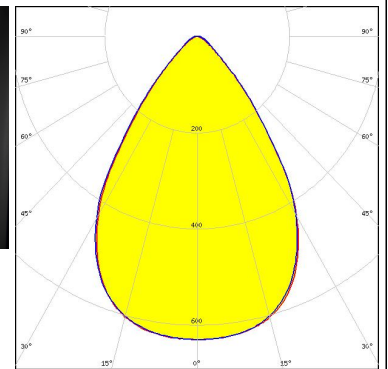
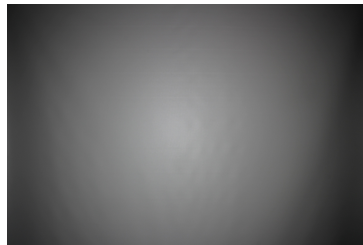
LED PassivePAQ-L-0.5F35-SSA3-1.6K-840-3-DC
 FWHM / FWTM 69.0° / 93.0°
 Efficiency 71 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C17422_DAISSY-4X1-SHD2-MATT



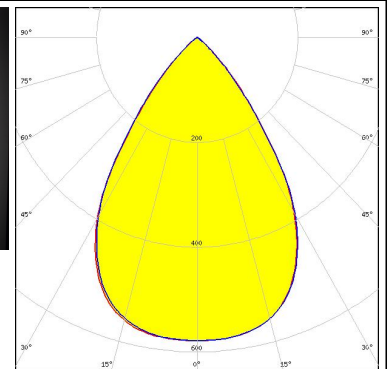
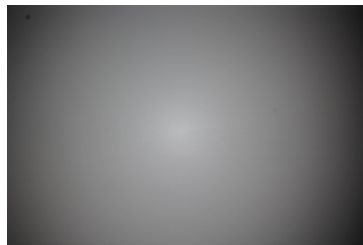
LED PassivePAQ-L-0.5F35-SSA3-1.6K-840-3-DC
 FWHM / FWTM 70.0° / 100.0°
 Efficiency 87 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C16784_DAISSY-4X1-SHD-WHT



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 White
 Required components:
 C17423_DAISSY-4X1-SHD2-WHT-MATT



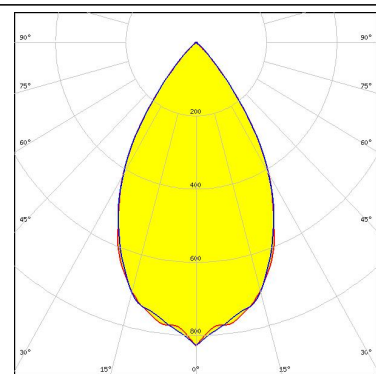
LED PassivePAQ-L-0.5F35-SSA3-1.6K-840-3-DC
 FWHM / FWTM 69.0° / 93.0°
 Efficiency 72 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C16590_DAISSY-4X1-SHD



OPTICAL RESULTS (SIMULATED):

SAMSUNG

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