

DAISY-4X1-WW-D

~80° 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
C16993_DAISY-4X1-WW-D	Linear lens	PMMA	milky	
C19075_DAISY-4X1-SHD2	Shade	PC	black	gloss
C18414_DAISY-4X1-SHD-MET-MATT	Shade	PC	metal	matt
C18412_DAISY-4X1-SHD2-MET	Shade	PC	metal	gloss
C18411_DAISY-4X1-SHD2-MET-MATT	Shade	PC	metal	matt
C18407_DAISY-4X1-SHD-MET	Shade	PC	metal	gloss
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

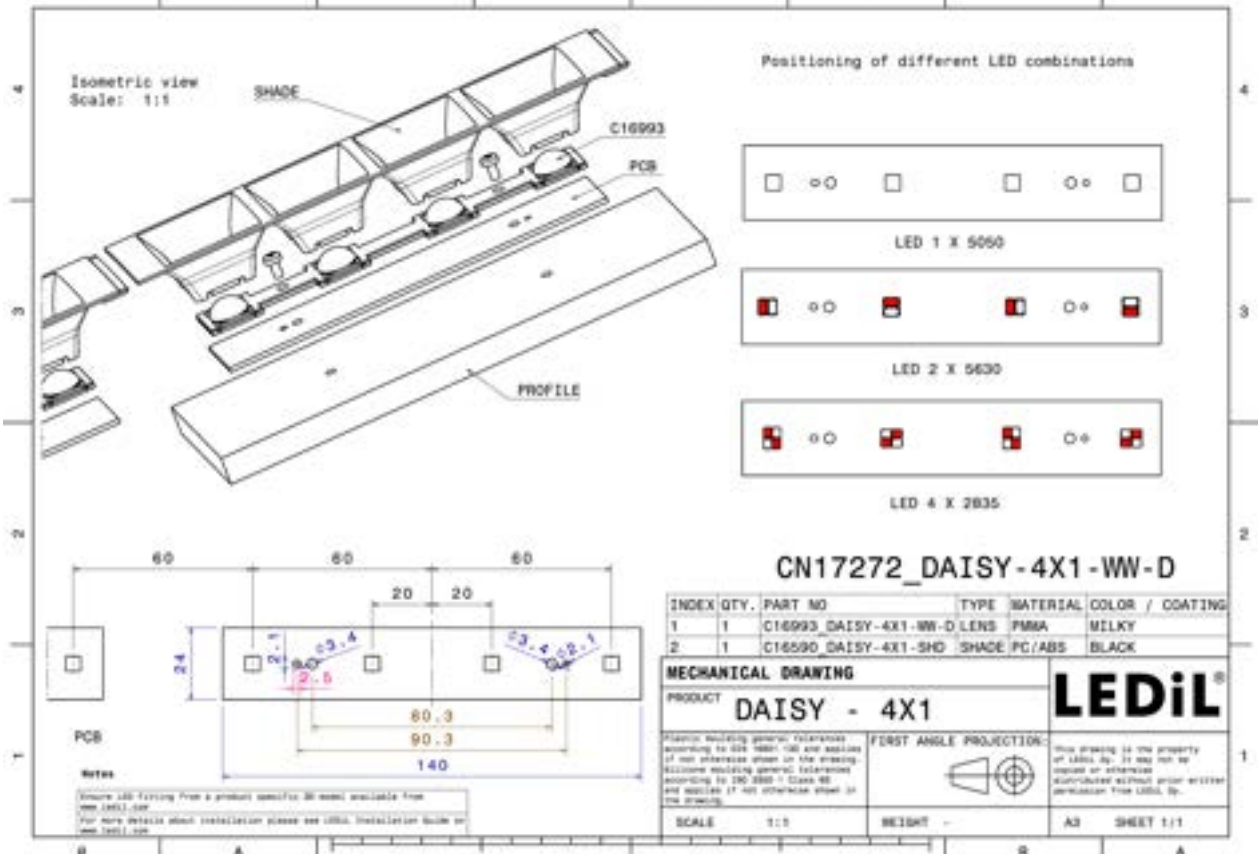
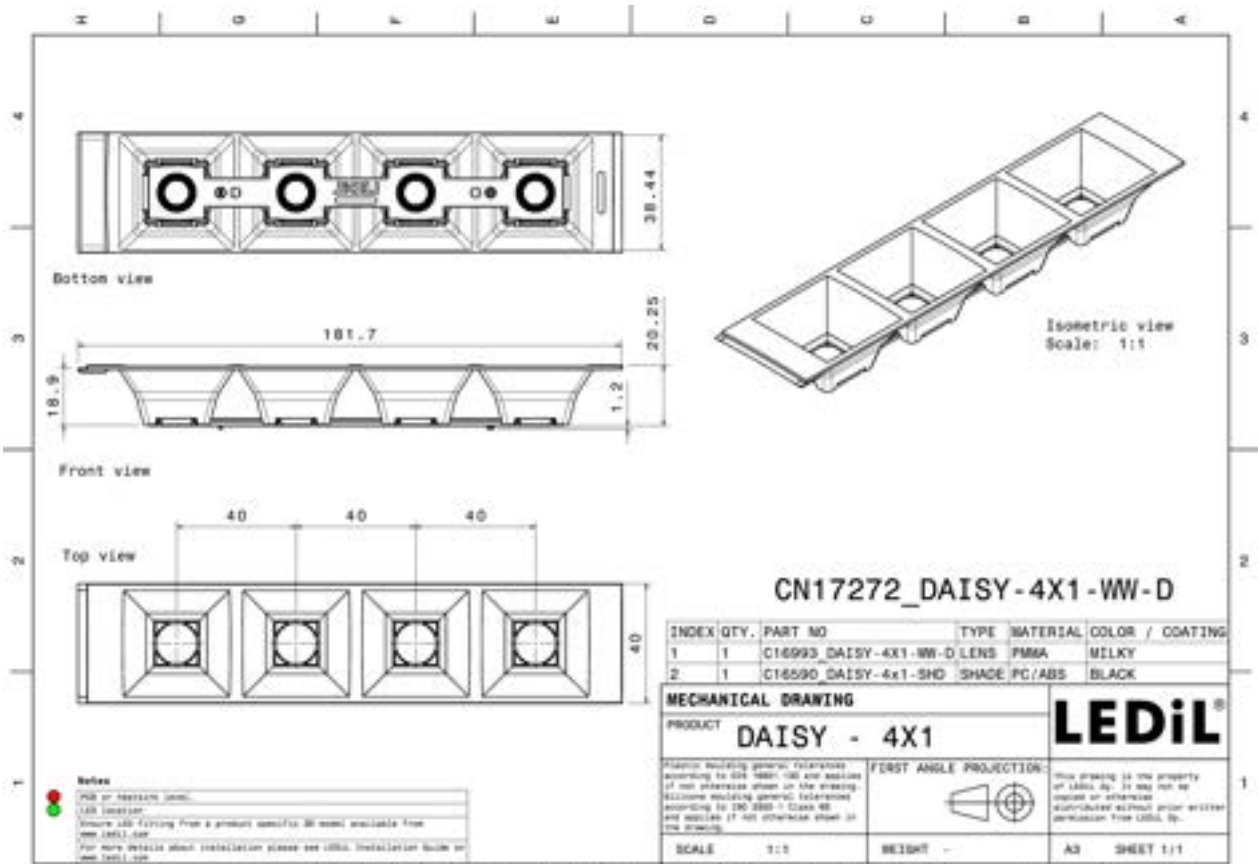
ORDERING INFORMATION:

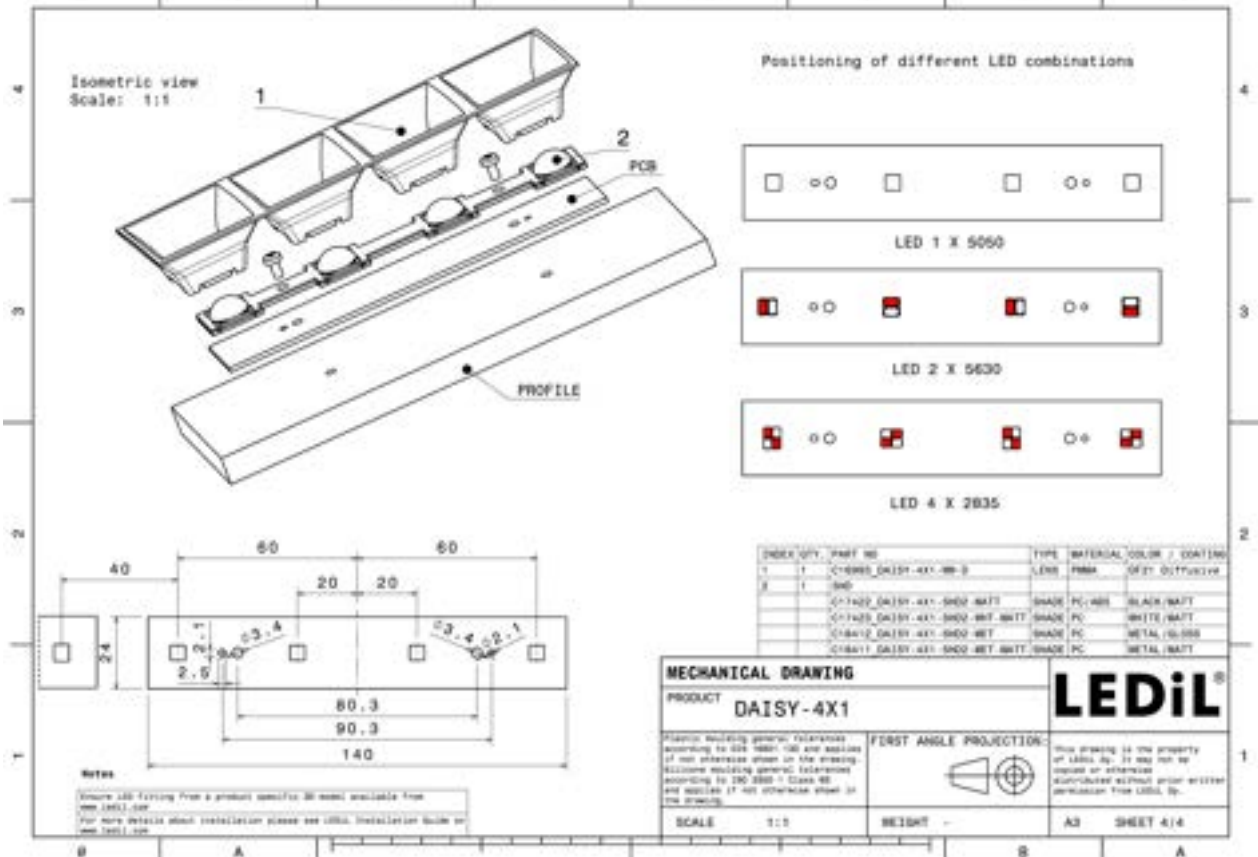
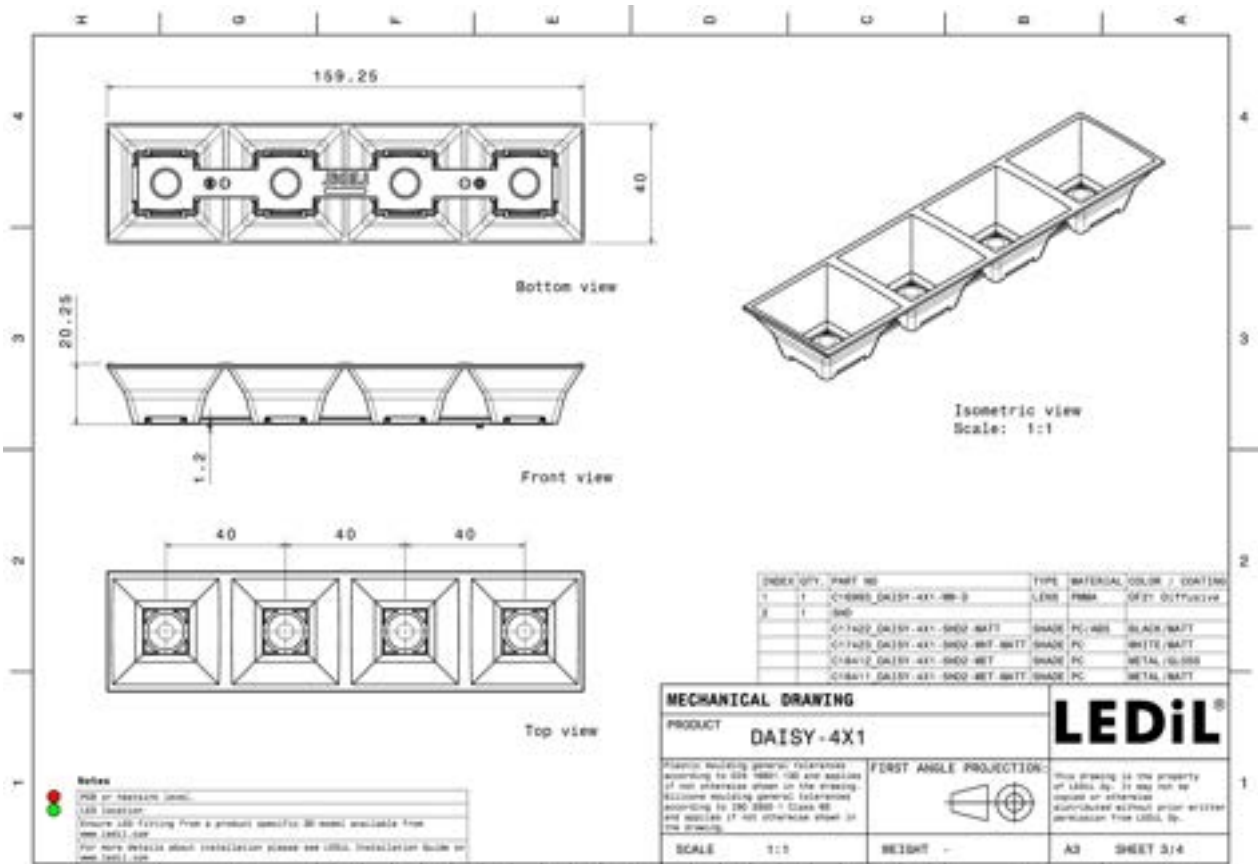
Quantities for one set:

Linear lens	1
Shade	1




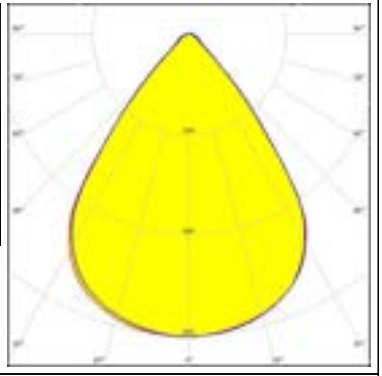

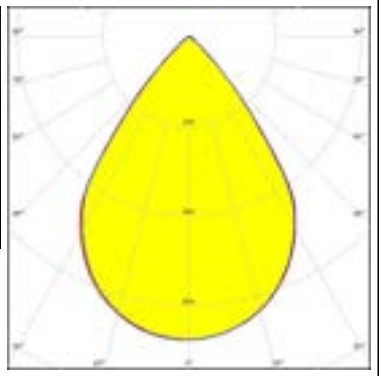

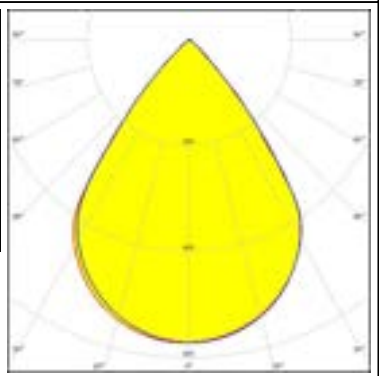

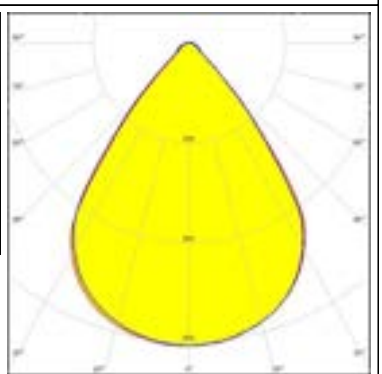
Component		Qty in box	MOQ	MPQ	Box weight (kg)
C16993_DAISY-4X1-WW-D » Box size: 480 x 280 x 300 mm	Linear lens	504	336	21	5.6
C16784_DAISY-4X1-SHD-WHT » Box size: 480 x 280 x 300 mm	Shade	168	336	42	5.2
C18407_DAISY-4X1-SHD-MET » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.3
C19075_DAISY-4X1-SHD2 » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.4
C18411_DAISY-4X1-SHD2-MET-MATT » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.7
C17422_DAISY-4X1-SHD2-MATT » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.7
C18412_DAISY-4X1-SHD2-MET » Box size: 480 x 280 x 300 mm	Shade	168	336	42	
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
C18414_DAISY-4X1-SHD-MET-MATT » Box size: 480 x 280 x 300 mm	Shade	168	336	42	4.3




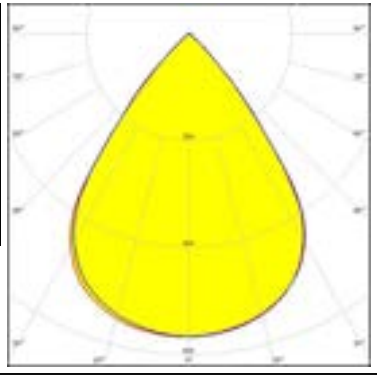
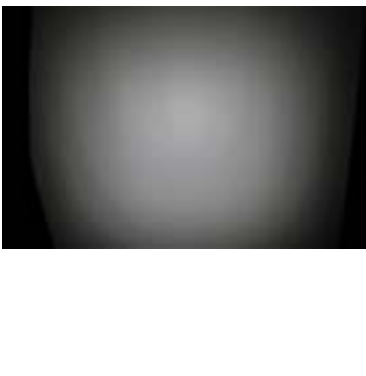
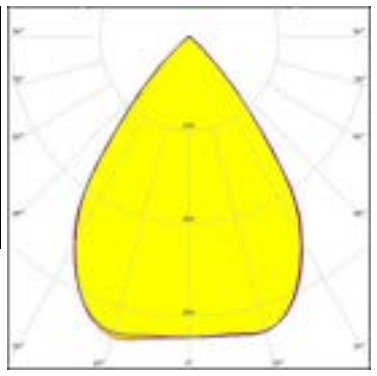

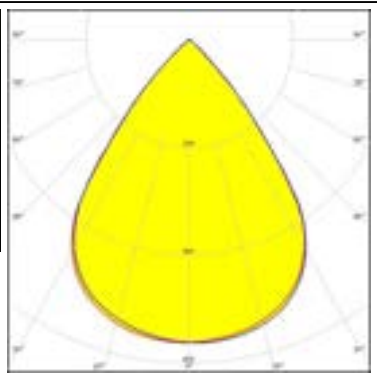

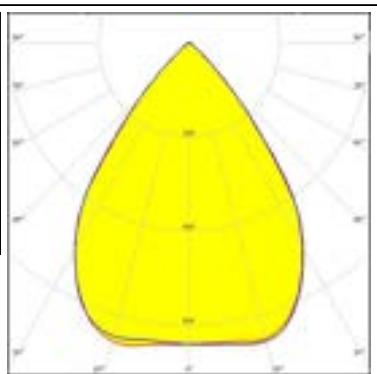


See also our general installation guide: www.ledil.com/installation_guide

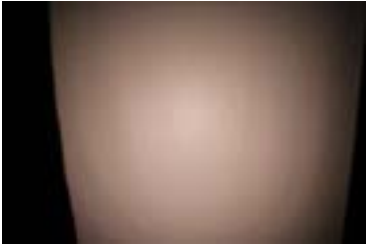
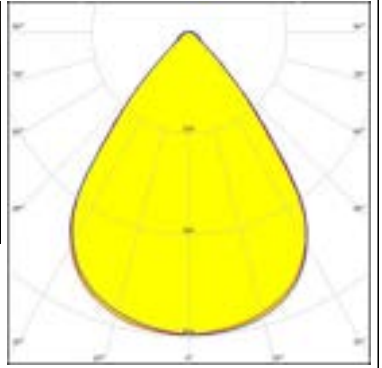

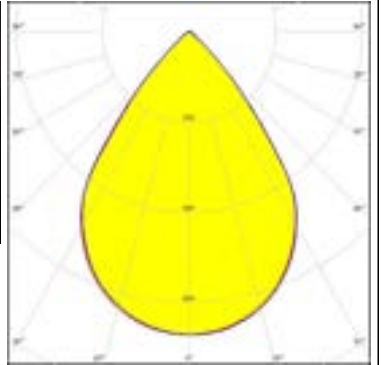

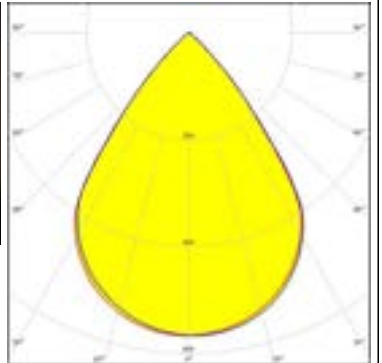
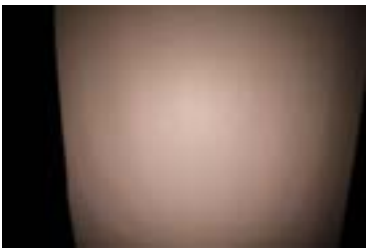
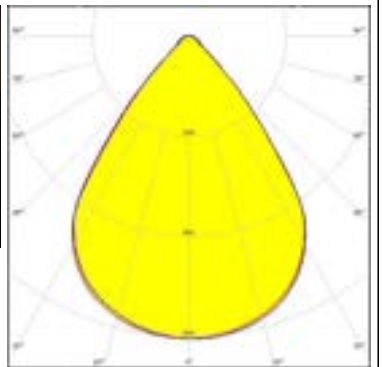
OPTICAL RESULTS (MEASURED):

<p>AUDAX ELECTRONICS</p> <p>LED LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm FWHM / FWTM 75.5° / 96.0° Efficiency 93 % Peak intensity 0.6 cd/lm LEDs/each optic 4 Light colour White Required components: C16784_DAISY-4X1-SHD-WHT</p>		
<p>AUDAX ELECTRONICS</p> <p>LED LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm FWHM / FWTM 74.0° / 94.0° Efficiency 91 % Peak intensity 0.7 cd/lm LEDs/each optic 4 Light colour White Required components: C17535_DAISY-4X1-SHD2-MET-MATT</p>		
<p>AUDAX ELECTRONICS</p> <p>LED LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm FWHM / FWTM 74.5° / 92.0° Efficiency 78 % Peak intensity 0.6 cd/lm LEDs/each optic 4 Light colour White Required components: C17422_DAISY-4X1-SHD2-MATT</p>		
<p>AUDAX ELECTRONICS</p> <p>LED LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm FWHM / FWTM 75.5° / 96.0° Efficiency 92 % Peak intensity 0.6 cd/lm LEDs/each optic 4 Light colour White Required components: C17423_DAISY-4X1-SHD2-WHT-MATT</p>		

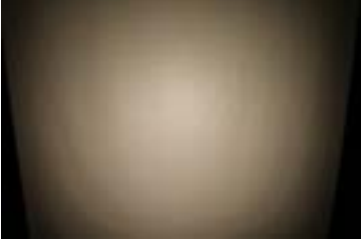
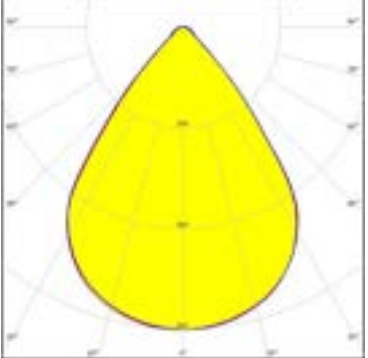

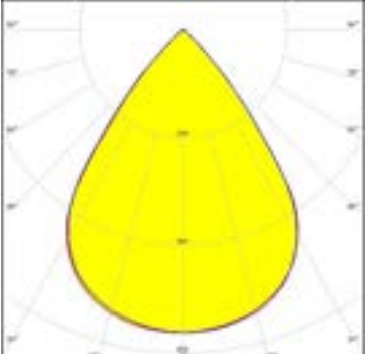
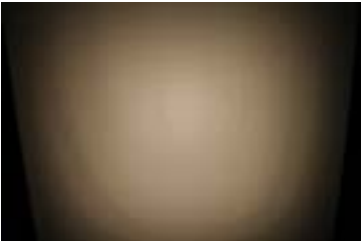
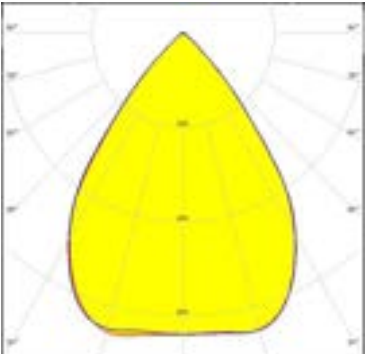
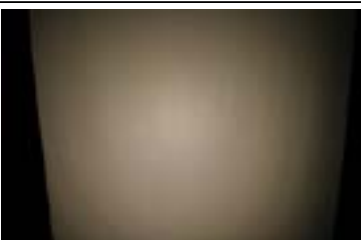
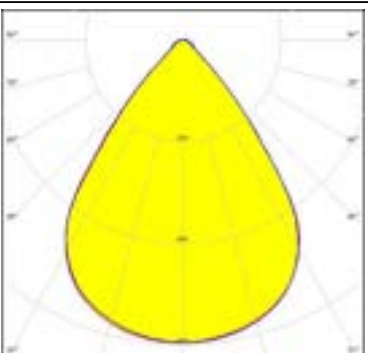
OPTICAL RESULTS (MEASURED):

<p>AUDAX ELECTRONICS</p> <p>LED LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm FWHM / FWTM 75.0° / 93.0° Efficiency 79 % Peak intensity 0.6 cd/lm LEDs/each optic 4 Light colour White Required components: C16590_DAISSY-4X1-SHD</p>		
<p>AUDAX ELECTRONICS</p> <p>LED LIGHT ENGINE DAISY 16 LEDs 156mm x 20mm FWHM / FWTM 73.5° / 93.0° Efficiency 94 % Peak intensity 0.7 cd/lm LEDs/each optic 4 Light colour White Required components: C17528_DAISSY-4X1-SHD-MET</p>		
<p>MST Four solutions</p> <p>LED LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1 FWHM / FWTM 74.5 + 75.5° / 93.0 + 93.5° Efficiency 79 % Peak intensity 0.6 cd/lm LEDs/each optic 4 Light colour Tunable White Required components: C16590_DAISSY-4X1-SHD</p>		
<p>MST Four solutions</p> <p>LED LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1 FWHM / FWTM 74.0° / 94.0° Efficiency 94 % Peak intensity 0.7 cd/lm LEDs/each optic 4 Light colour Tunable White Required components: C17528_DAISSY-4X1-SHD-MET</p>		


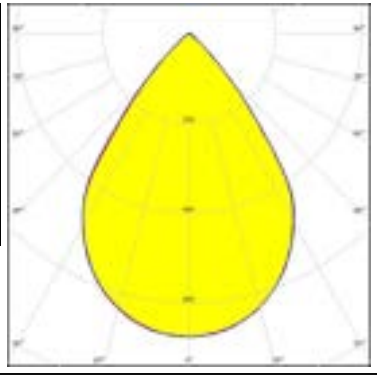
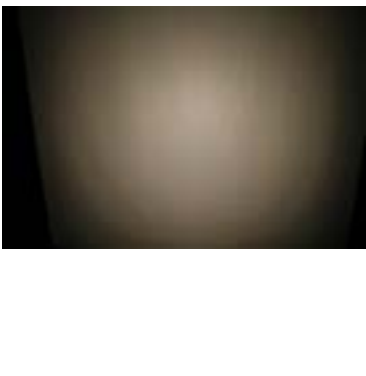
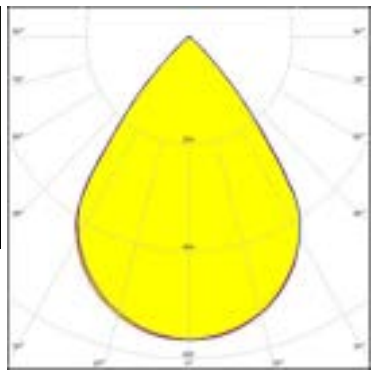
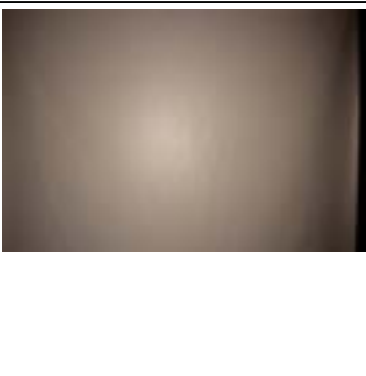
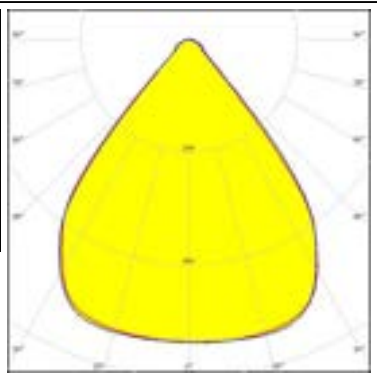

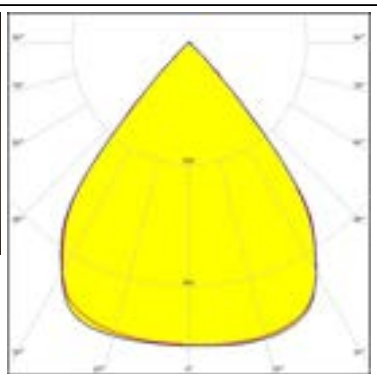
OPTICAL RESULTS (MEASURED):

<p>MST <small>Four solutions</small></p> <p>LED LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1</p> <p>FWHM / FWTM 75.5 + 76.5° / 97.0 + 97.5°</p> <p>Efficiency 93 %</p> <p>Peak intensity 0.6 cd/lm</p> <p>LEDs/each optic 4</p> <p>Light colour Tunable White</p> <p>Required components: C16784_DAISSY-4X1-SHD-WHT</p>		
<p>MST <small>Four solutions</small></p> <p>LED LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1</p> <p>FWHM / FWTM 74.0 + 74.5° / 94.5°</p> <p>Efficiency 92 %</p> <p>Peak intensity 0.7 cd/lm</p> <p>LEDs/each optic 4</p> <p>Light colour Tunable White</p> <p>Required components: C17535_DAISSY-4X1-SHD2-MET-MATT</p>		
<p>MST <small>Four solutions</small></p> <p>LED LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1</p> <p>FWHM / FWTM 74.5 + 75.0° / 93.5°</p> <p>Efficiency 78 %</p> <p>Peak intensity 0.6 cd/lm</p> <p>LEDs/each optic 4</p> <p>Light colour Tunable White</p> <p>Required components: C17422_DAISSY-4X1-SHD2-MATT</p>		
<p>MST <small>Four solutions</small></p> <p>LED LinLED 156x28mm 2x400lm 827-865 2x2C 12V Opt G1</p> <p>FWHM / FWTM 76.0 + 76.5° / 97.0 + 97.5°</p> <p>Efficiency 92 %</p> <p>Peak intensity 0.6 cd/lm</p> <p>LEDs/each optic 4</p> <p>Light colour Tunable White</p> <p>Required components: C17423_DAISSY-4X1-SHD2-WHT-MATT</p>		

OPTICAL RESULTS (MEASURED):

<p>MST <small>Four solutions</small></p> <p>LED LinLED 156x28mm 800lm 8x0 2C 12V Opt G1 FWHM / FWTM 75.0 + 75.5° / 96.0 + 97.0° Efficiency 91 % Peak intensity 0.6 cd/lm LEDs/each optic 4 Light colour White Required components: C17423_DAISSY-4X1-SHD2-WHT-MATT</p>		
<p>MST <small>Four solutions</small></p> <p>LED LinLED 156x28mm 800lm 8x0 2C 12V Opt G1 FWHM / FWTM 74.0 + 74.5° / 92.5° Efficiency 78 % Peak intensity 0.6 cd/lm LEDs/each optic 4 Light colour White Required components: C16590_DAISSY-4X1-SHD</p>		
<p>MST <small>Four solutions</small></p> <p>LED LinLED 156x28mm 800lm 8x0 2C 12V Opt G1 FWHM / FWTM 73.5° / 93.0 + 93.5° Efficiency 93 % Peak intensity 0.7 cd/lm LEDs/each optic 4 Light colour White Required components: C17528_DAISSY-4X1-SHD-MET</p>		
<p>MST <small>Four solutions</small></p> <p>LED LinLED 156x28mm 800lm 8x0 2C 12V Opt G1 FWHM / FWTM 75.5° / 96.5 + 97.0° Efficiency 91 % Peak intensity 0.6 cd/lm LEDs/each optic 4 Light colour White Required components: C16784_DAISSY-4X1-SHD-WHT</p>		

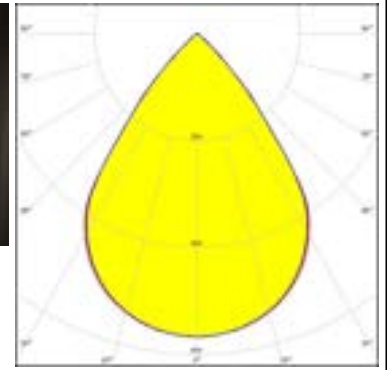
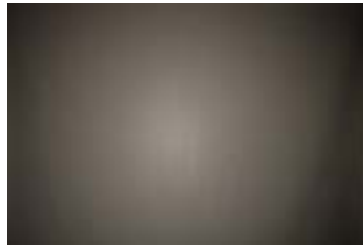
OPTICAL RESULTS (MEASURED):

<p>MST <small>Four solutions</small></p> <p>LED LinLED 156x28mm 800lm 8x0 2C 12V Opt G1 FWHM / FWTM 73.5° / 94.0 + 94.5° Efficiency 90 % Peak intensity 0.7 cd/lm LEDs/each optic 4 Light colour White Required components: C17535_DAISSY-4X1-SHD2-MET-MATT</p>		
<p>MST <small>Four solutions</small></p> <p>LED LinLED 156x28mm 800lm 8x0 2C 12V Opt G1 FWHM / FWTM 74.5° / 92.5° Efficiency 76 % Peak intensity 0.6 cd/lm LEDs/each optic 4 Light colour White Required components: C17422_DAISSY-4X1-SHD2-MATT</p>		
<p>NICHIA</p> <p>LED NF2W757G-MT (Tunable White) FWHM / FWTM 80.0° / 95.0° Efficiency 93 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour Tunable White Required components: C16784_DAISSY-4X1-SHD-WHT</p>		
<p>NICHIA</p> <p>LED NF2W757G-MT (Tunable White) FWHM / FWTM 79.0° / 90.0° Efficiency 79 % Peak intensity 0.5 cd/lm LEDs/each optic 1 Light colour Tunable White Required components: C16590_DAISSY-4X1-SHD</p>		

OPTICAL RESULTS (MEASURED):

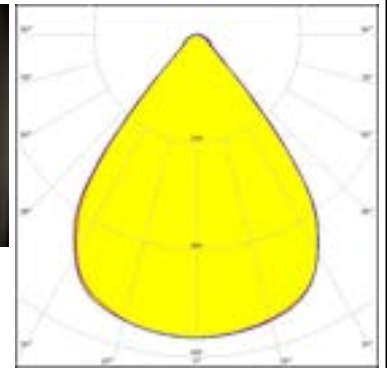
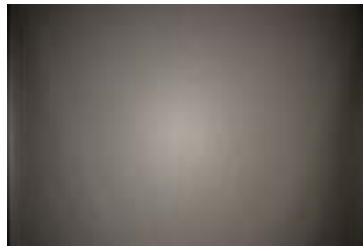
OSRAM

LED PL-LIN-1000 140x24mm
 FWHM / FWTM 74.0° / 94.0°
 Efficiency 77 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 4
 Light colour White
 Required components:
 C17422_DAISSY-4X1-SHD2-MATT



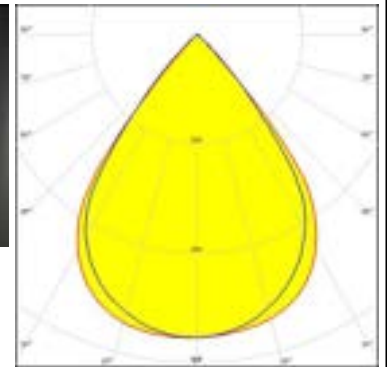
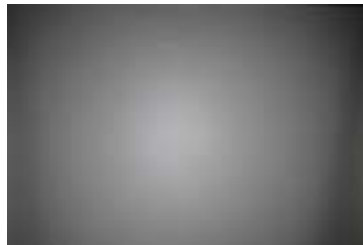
SAMSUNG

LED LM28xB Series
 FWHM / FWTM 78.0° / 95.0°
 Efficiency 93 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16784_DAISSY-4X1-SHD-WHT



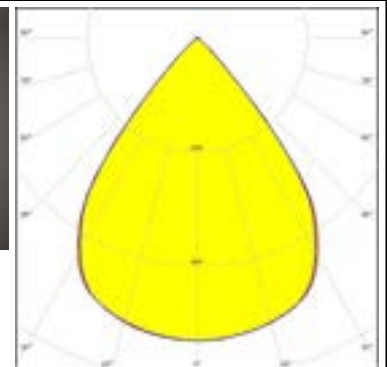
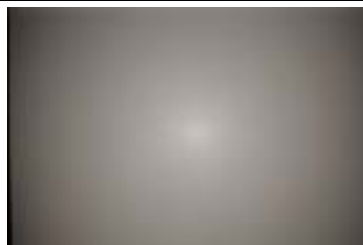
SAMSUNG

LED LM28xB Series
 FWHM / FWTM 76.0° / 90.0°
 Efficiency 78 %
 Peak intensity 0.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C17422_DAISSY-4X1-SHD2-MATT

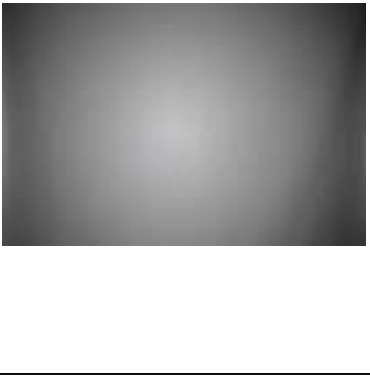
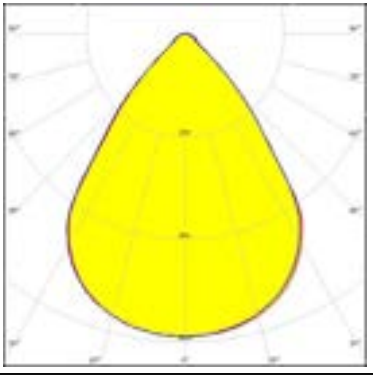
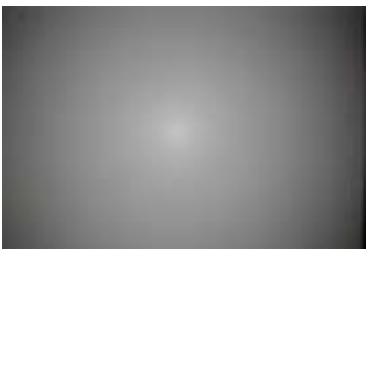
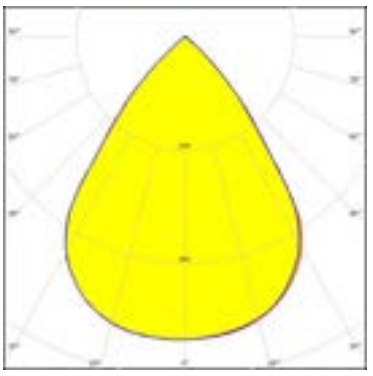
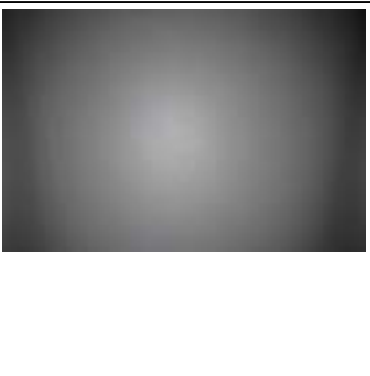
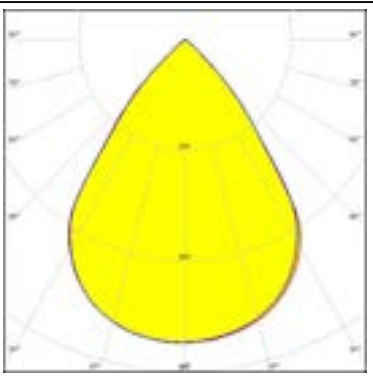
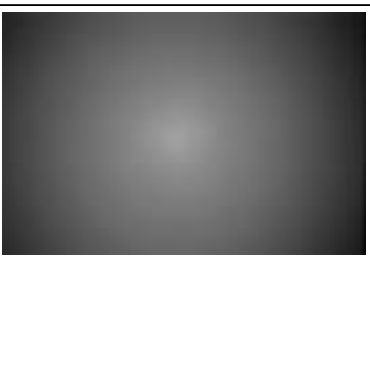
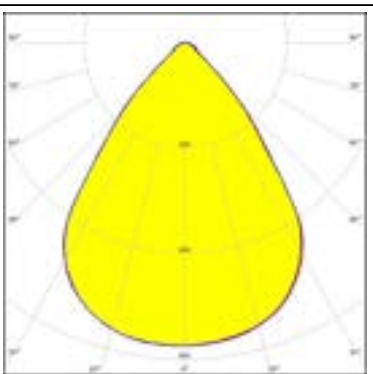


SAMSUNG

LED LM28xB Series
 FWHM / FWTM 78.0° / 91.0°
 Efficiency 79 %
 Peak intensity 0.5 cd/lm
 LEDs/each optic 2
 Light colour White
 Required components:
 C16590_DAISSY-4X1-SHD



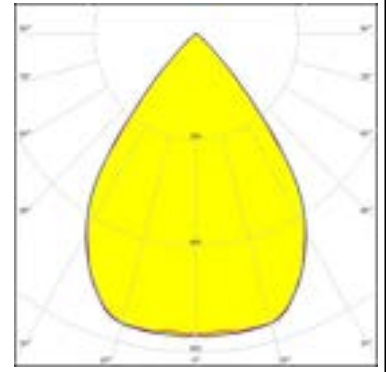
OPTICAL RESULTS (MEASURED):

<p>TEPCOMP group</p> <p>LED PassivePAQ-L-0.5F35-SSA3-1.6K-840-3-DC FWHM / FWTM 75.0° / 100.0° Efficiency 92 % Peak intensity 0.6 cd/lm LEDs/each optic 4 Light colour White Required components: C17423_DAISSY-4X1-SHD2-WHT-MATT</p>		
<p>TEPCOMP group</p> <p>LED PassivePAQ-L-0.5F35-SSA3-1.6K-840-3-DC FWHM / FWTM 75.0° / 96.0° Efficiency 77 % Peak intensity 0.5 cd/lm LEDs/each optic 4 Light colour White Required components: C16590_DAISSY-4X1-SHD</p>		
<p>TEPCOMP group</p> <p>LED PassivePAQ-L-0.5F35-SSA3-1.6K-840-3-DC FWHM / FWTM 74.0° / 96.0° Efficiency 76 % Peak intensity 0.5 cd/lm LEDs/each optic 4 Light colour White Required components: C17422_DAISSY-4X1-SHD2-MATT</p>		
<p>TEPCOMP group</p> <p>LED PassivePAQ-L-0.5F35-SSA3-1.6K-840-3-DC FWHM / FWTM 76.0° / 101.0° Efficiency 91 % Peak intensity 0.6 cd/lm LEDs/each optic 4 Light colour White Required components: C16784_DAISSY-4X1-SHD-WHT</p>		

OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED	LM28xB Series
FWHM / FWTM	74.0° / 92.0°
Efficiency	76 %
Peak intensity	0.6 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.

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