

### DAISY-28X1-W-B-D

~50° wide beam. Variant with diffused 7X1 lenses.

#### SPECIFICATION:

Dimensions	1140.0 x 40.0 mm
Height	20.2 mm
Fastening	pin, screw, clips
ROHS compliant	yes ⓘ

#### MATERIALS:

Component	Type	Material	Colour	Finish
C17362_DAISY-7X1-W-D	Linear lens	PMMA	milky	
C17482_DAISY-28X1-SHD-WHT-MATT	Shade	PC	white	matt
C17481_DAISY-28X1-SHD-MATT	Shade	PC	black	matt
C16783_DAISY-28X1-SHD-WHT	Shade	PC	white	gloss
C16585_DAISY-28X1-SHD	Shade	PC-ABS	black	gloss

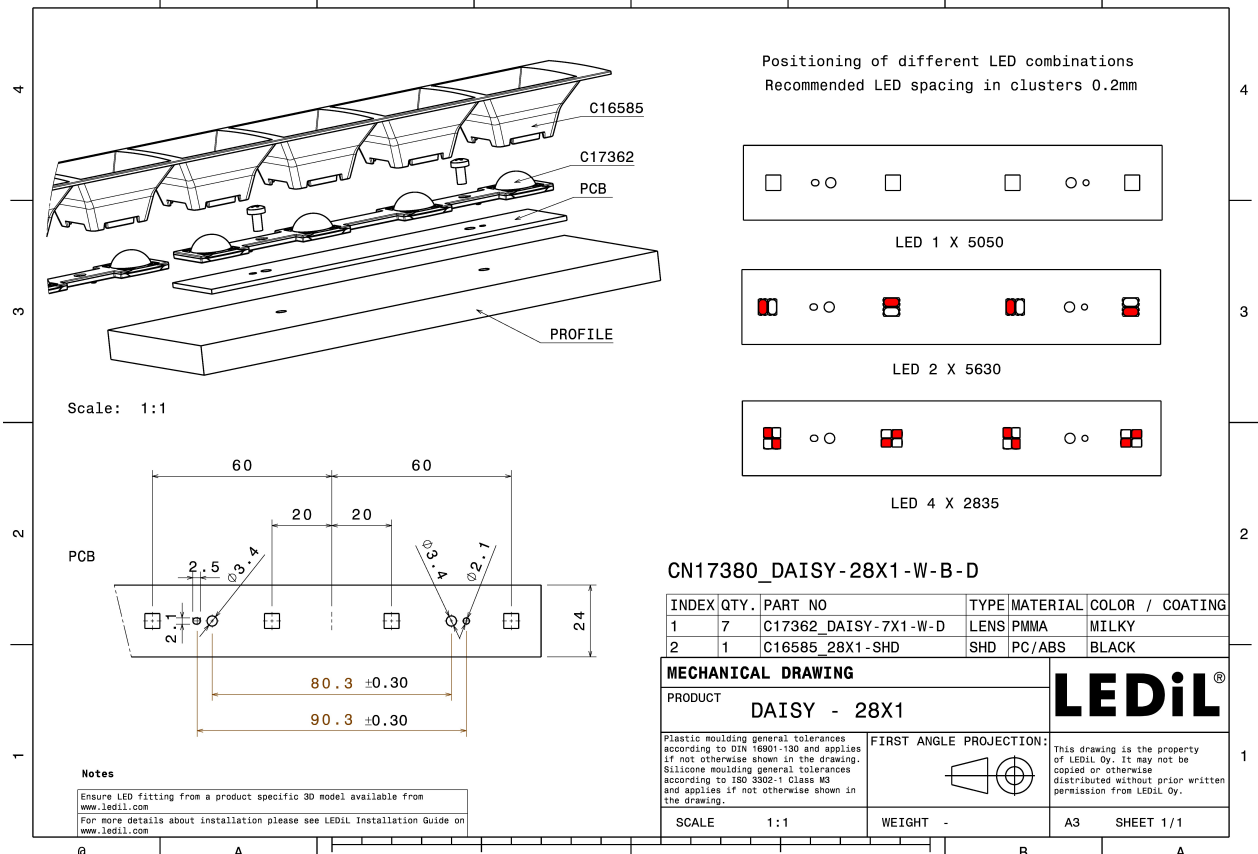
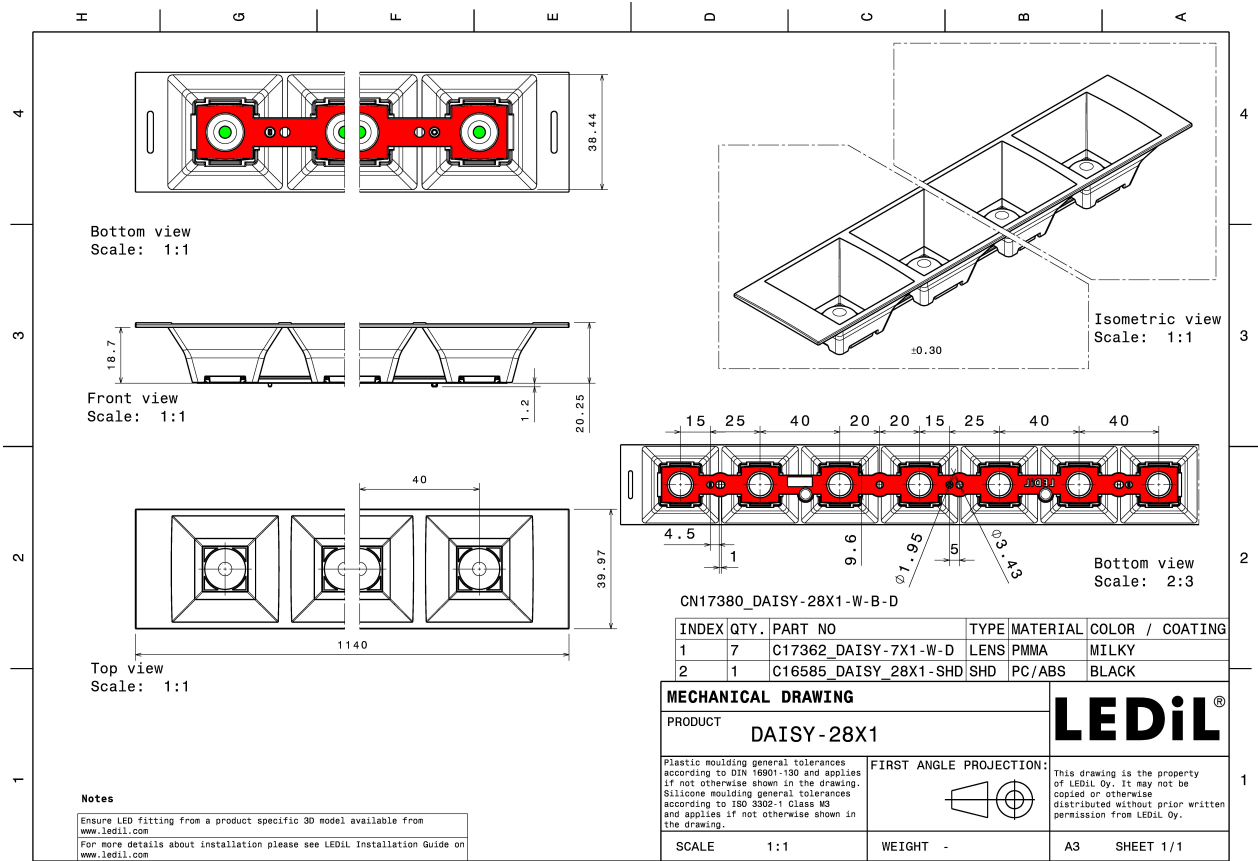
#### ORDERING INFORMATION:

##### Quantities for one set:

Linear lens	4
Shade	1



Component		Qty in box	MOQ	MPQ	Box weight (kg)
C17362_DAISY-7X1-W-D » Box size: 400 x 300 x 300 mm	Linear lens	312	312	24	6.3
C17481_DAISY-28X1-SHD-MATT » Box size: 1185 x 385 x 125 mm	Shade	48	48	48	8.6
C16585_DAISY-28X1-SHD » Box size: 1185 x 385 x 125 mm	Shade	48	48	48	8.4
C17482_DAISY-28X1-SHD-WHT-MATT » Box size: 1185 x 385 x 125 mm	Shade	48	48	48	8.7
C16783_DAISY-28X1-SHD-WHT » Box size: 1185 x 385 x 125 mm	Shade	48	48	48	8.8

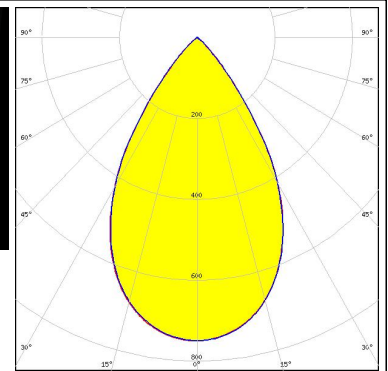


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

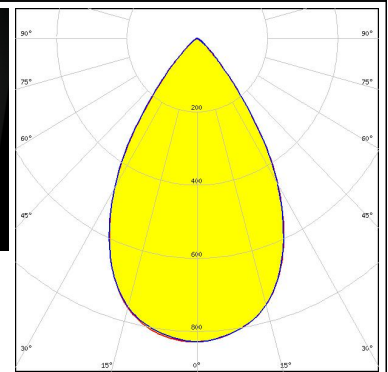
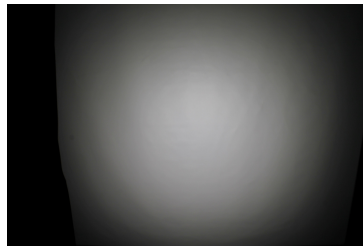
### OPTICAL RESULTS (MEASURED):



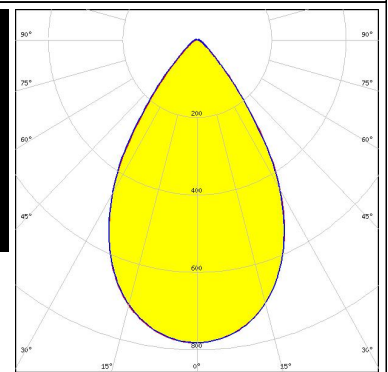
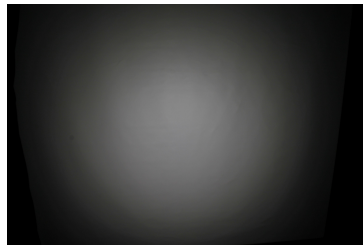
LED LIGHT ENGINE DAISY 112 LEDs 1,140mm x 20mm  
 FWHM / FWTM 63.5° / 88.5°  
 Efficiency 78 %  
 Peak intensity 0.8 cd/m  
 LEDs/each optic 4  
 Light colour White  
 Required components:  
 C16585\_DAISSY-28X1-SHD



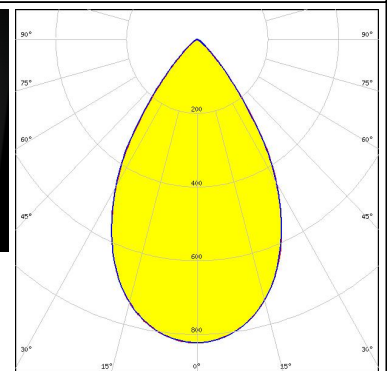
LED LIGHT ENGINE DAISY 112 LEDs 1,140mm x 20mm  
 FWHM / FWTM 63.5° / 90.0°  
 Efficiency 90 %  
 Peak intensity 0.8 cd/m  
 LEDs/each optic 4  
 Light colour White  
 Required components:  
 C17527\_DAISSY-28X1-SHD-MET



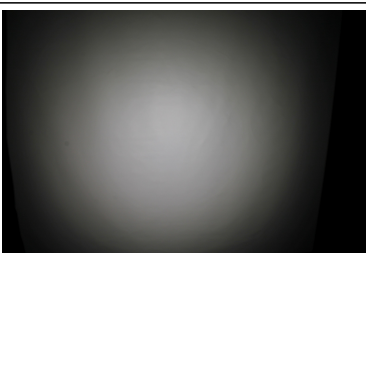
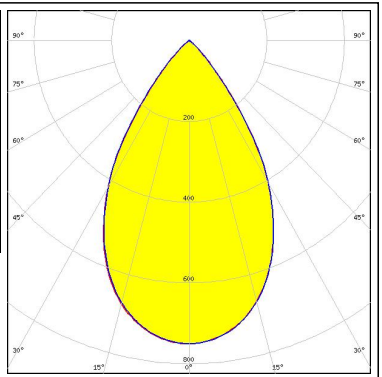

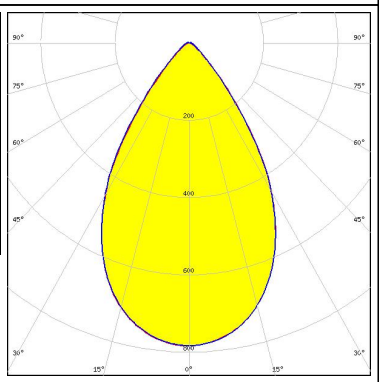
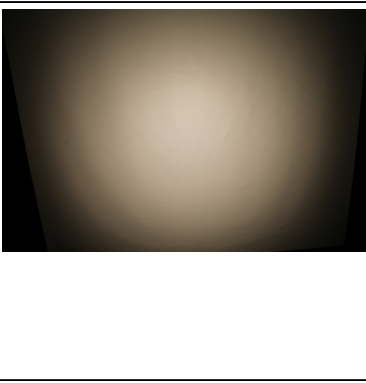
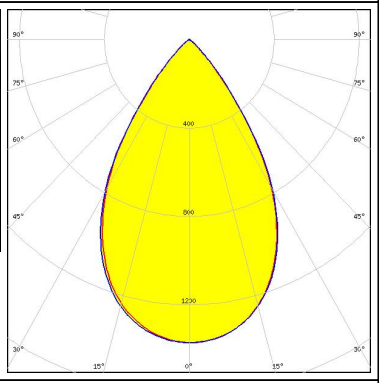

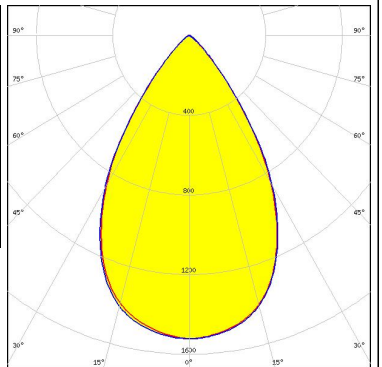
LED LIGHT ENGINE DAISY 112 LEDs 1,140mm x 20mm  
 FWHM / FWTM 64.5° / 93.0°  
 Efficiency 90 %  
 Peak intensity 0.8 cd/m  
 LEDs/each optic 4  
 Light colour White  
 Required components:  
 C16783\_DAISSY-28X1-SHD-WHT




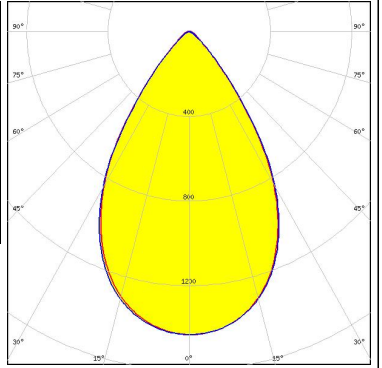
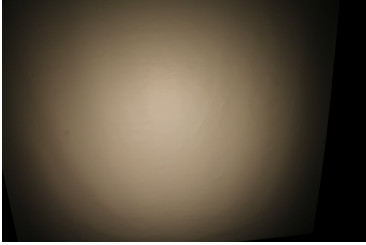
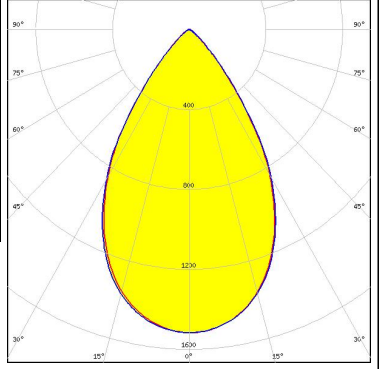
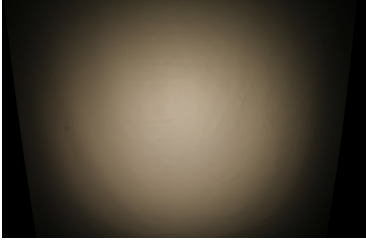
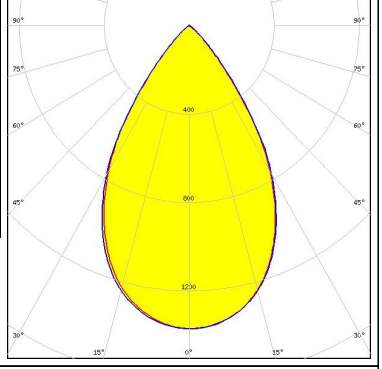
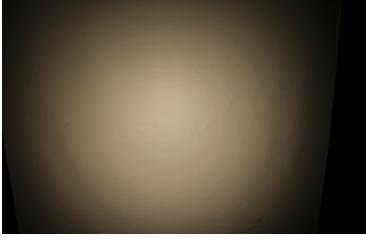
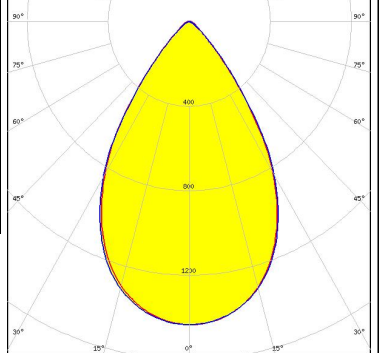
LED LIGHT ENGINE DAISY 112 LEDs 1,140mm x 20mm  
 FWHM / FWTM 63.5° / 91.0°  
 Efficiency 88 %  
 Peak intensity 0.8 cd/m  
 LEDs/each optic 4  
 Light colour White  
 Required components:  
 C17537\_DAISSY-28X1-SHD-MET-MATT



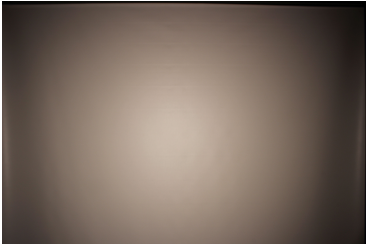
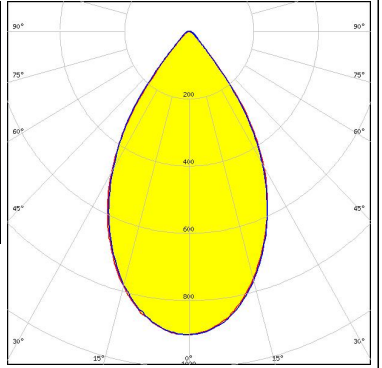
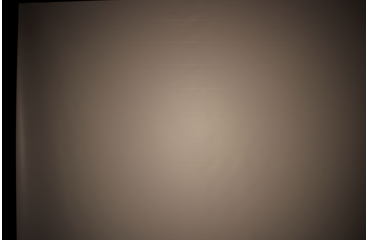
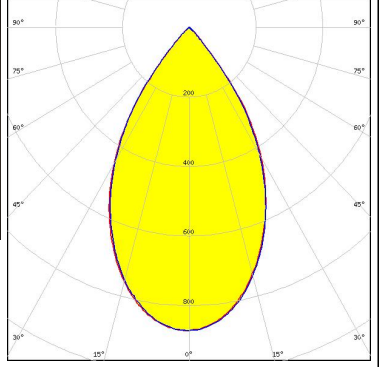
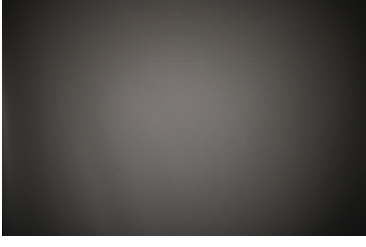
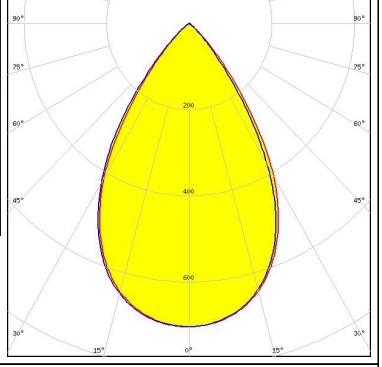
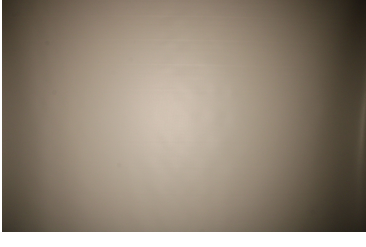
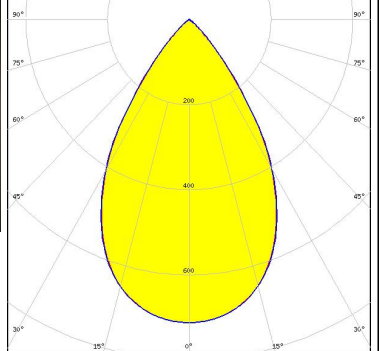
### OPTICAL RESULTS (MEASURED):

<p><b>AUDAX</b> ELECTRONICS</p> <p>LED LIGHT ENGINE DAISY 112 LEDs 1,140mm 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:            C17481_DAISSY-28X1-SHD-MATT</p>		
<p><b>AUDAX</b> ELECTRONICS</p> <p>LED LIGHT ENGINE DAISY 112 LEDs 1,140mm 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:            C17482_DAISSY-28X1-SHD-WHT-MATT</p>		
<p><b>MST</b>   Your solutions</p> <p>LED LinLED 1120x28mm 4400lm 8x0 4C 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:            C16585_DAISSY-28X1-SHD</p>		
<p><b>MST</b>   Your solutions</p> <p>LED LinLED 1120x28mm 4400lm 8x0 4C 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:            C17527_DAISSY-28X1-SHD-MET</p>		

### OPTICAL RESULTS (MEASURED):

<p><b>MST</b> <i>Your solutions</i></p> <p>LED LinLED 1120x28mm 4400lm 8x0 4C 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:            C16783_DAISSY-28X1-SHD-WHT</p>		
<p><b>MST</b> <i>Your solutions</i></p> <p>LED LinLED 1120x28mm 4400lm 8x0 4C Opt G1            FWHM / FWTM 64.0° / 91.5°            Efficiency 87 %            Peak intensity 0.8 cd/lm            LEDs/each optic 4            Light colour White            Required components:            C17537_DAISSY-28X1-SHD-MET-MATT</p>		
<p><b>MST</b> <i>Your solutions</i></p> <p>LED LinLED 1120x28mm 4400lm 8x0 4C 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:            C17481_DAISSY-28X1-SHD-MATT</p>		
<p><b>MST</b> <i>Your solutions</i></p> <p>LED LinLED 1120x28mm 4400lm 8x0 4C 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:            C17482_DAISSY-28X1-SHD-WHT-MATT</p>		

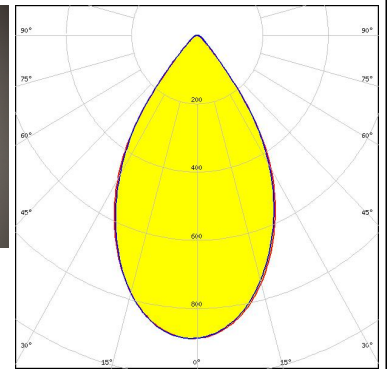
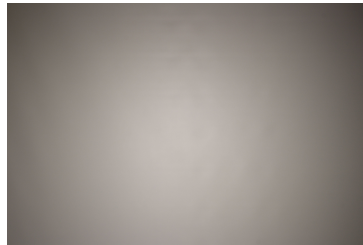
### OPTICAL RESULTS (MEASURED):

<p><b>NICHIA</b></p> <p>LED NF2W757G-MT (Tunable White)</p> <p>FWHM / FWTM 62.0° / 86.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 0.9 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour Tunable White</p> <p>Required components: C16783_DAISSY-28X1-SHD-WHT</p>		
<p><b>NICHIA</b></p> <p>LED NF2W757G-MT (Tunable White)</p> <p>FWHM / FWTM 61.0° / 84.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 0.9 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour Tunable White</p> <p>Required components: C16585_DAISSY-28X1-SHD</p>		
<p><b>OSRAM</b></p> <p>LED PL-LIN-3500-8xx 1120X24</p> <p>FWHM / FWTM 65.0° / 90.0°</p> <p>Efficiency 76 %</p> <p>Peak intensity 0.7 cd/m</p> <p>LEDs/each optic 4</p> <p>Light colour White</p> <p>Required components: C16585_DAISSY-28X1-SHD</p>		
<p><b>OSRAM</b></p> <p>LED PL-LIN-4000 560x24mm</p> <p>FWHM / FWTM 64.0° / 89.0°</p> <p>Efficiency 76 %</p> <p>Peak intensity 0.7 cd/m</p> <p>LEDs/each optic 4</p> <p>Light colour White</p> <p>Required components: C17481_DAISSY-28X1-SHD-MATT</p>		

### OPTICAL RESULTS (MEASURED):

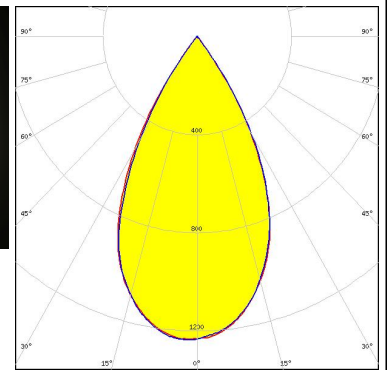
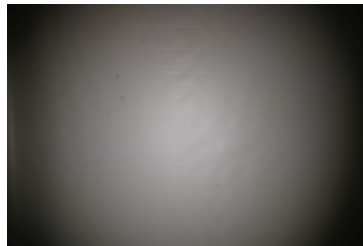
#### SAMSUNG

LED LM28xB Series  
 FWHM / FWTM 62.0° / 88.0°  
 Efficiency 92 %  
 Peak intensity 0.9 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16783\_DAISSY-28X1-SHD-WHT

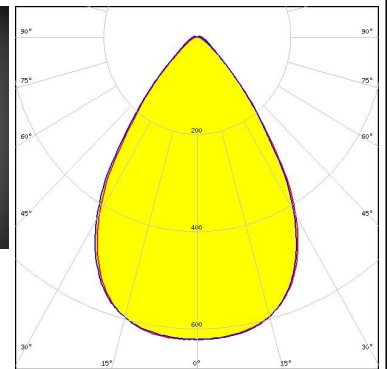
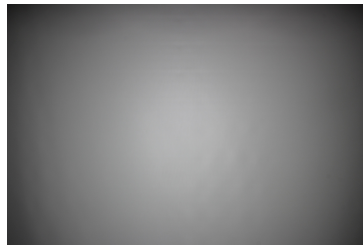


#### SAMSUNG

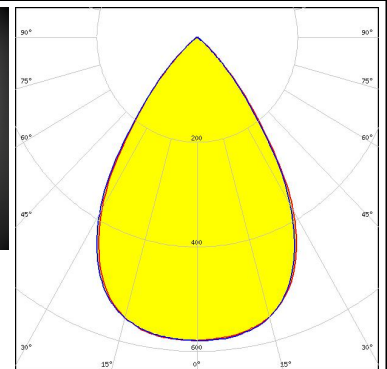
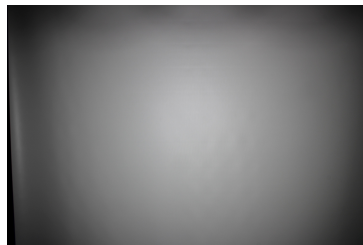
LED LM28xB Series  
 FWHM / FWTM 61.0° / 85.0°  
 Efficiency 82 %  
 Peak intensity 0.9 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16585\_DAISSY-28X1-SHD



LED PassivePAQ-L-2F35-SSA3-5.4K-840-3-DC  
 FWHM / FWTM 70.0° / 100.0°  
 Efficiency 87 %  
 Peak intensity 0.6 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16783\_DAISSY-28X1-SHD-WHT



LED PassivePAQ-L-2F35-SSA3-5.4K-840-3-DC  
 FWHM / FWTM 68.0° / 94.0°  
 Efficiency 71 %  
 Peak intensity 0.6 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16585\_DAISSY-28X1-SHD

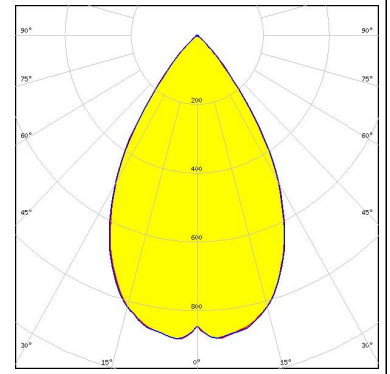




### OPTICAL RESULTS (SIMULATED):

#### TRIDONIC

LED LLE 24x280mm 750lm 8x0 LVD ADV1  
FWHM / FWTM 64.0° / 88.0°  
Efficiency 92 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C16783\_DAISY-28X1-SHD-WHT



### 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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P.R.CHINA

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