

### DAISY-MINI-W

~55° wide beam

#### SPECIFICATION:

Dimensions	279.5 x 21.0 mm
Height	13.3 mm
Fastening	pin, screw, snaps
ROHS compliant	yes ⓘ

#### MATERIALS:

Component	Type	Material	Colour	Finish
F17030_DAISY-MINI-W	Linear lens	PMMA	clear	
F17667_DAISY-MINI-SHD-MET-MATT	Shade	PC	metal	matt
F17666_DAISY-MINI-SHD-MET	Shade	PC	metal	gloss
F17465_DAISY-MINI-SHD-WHT-MATT	Shade	PC	white	matt
F17034_DAISY-MINI-SHD-MATT	Shade	PC	black	matt
F17033_DAISY-MINI-SHD-WHT	Shade	PC	white	gloss
F17028_DAISY-MINI-SHD	Shade	PC	black	gloss

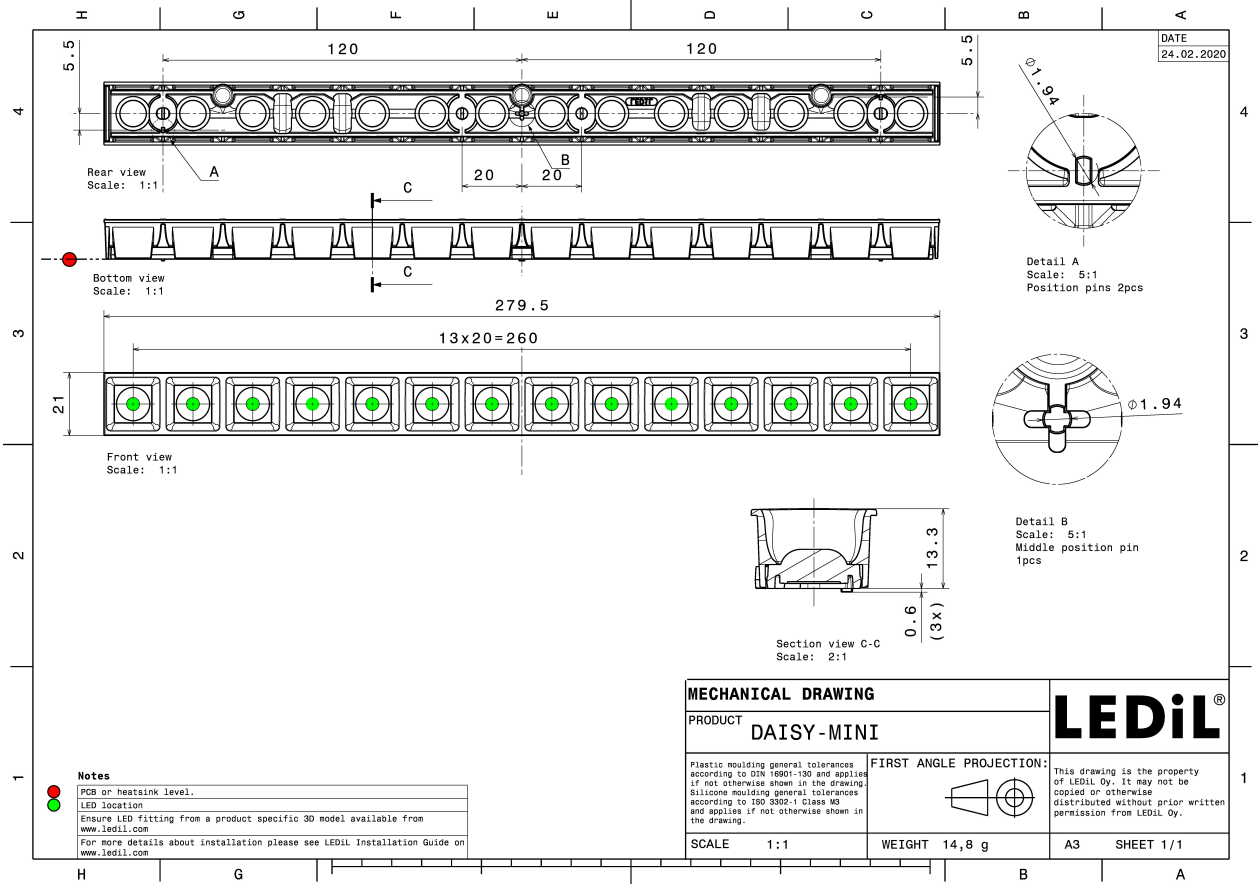


#### ORDERING INFORMATION:

##### Quantities for one set:


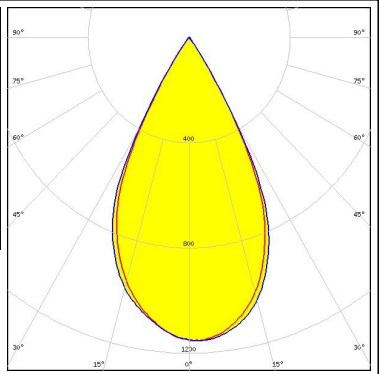
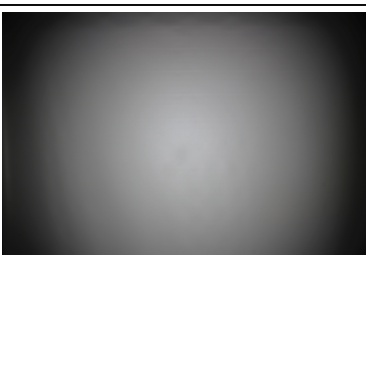
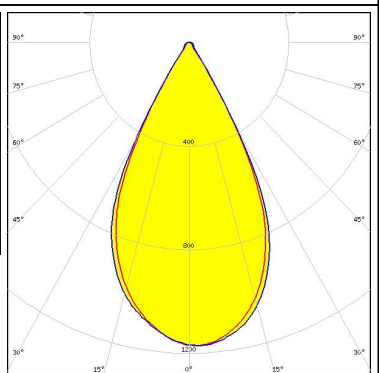

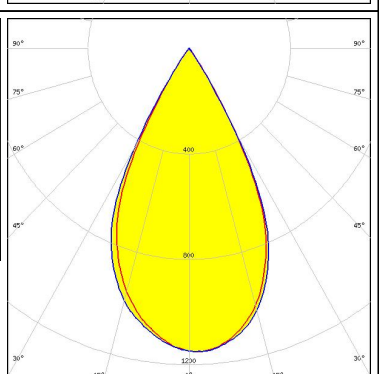

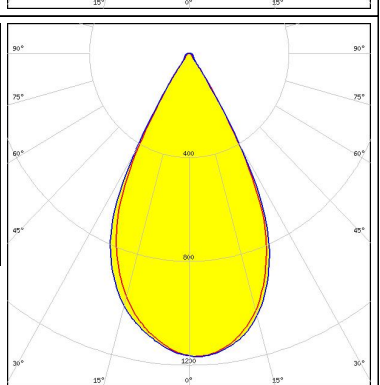
Linear lens	1
Shade	1

Component		Qty in box	MOQ	MPQ	Box weight (kg)
F17030_DAISY-MINI-W	Linear lens	252	252	12	5.8
» Box size: 398 x 298 x 265 mm					
F17028_DAISY-MINI-SHD	Shade	252	252	4	5.9
» Box size: 398 x 298 x 265 mm					
F17465_DAISY-MINI-SHD-WHT-MATT	Shade	252	252	4	6.2
» Box size: 398 x 298 x 265 mm					
F17666_DAISY-MINI-SHD-MET	Shade	252	252	4	5.9
» Box size: 398 x 298 x 265 mm					
F17033_DAISY-MINI-SHD-WHT	Shade	252	252	4	5.9
» Box size: 398 x 298 x 265 mm					
F17667_DAISY-MINI-SHD-MET-MATT	Shade	252	252	4	6.2
» Box size: 398 x 298 x 265 mm					
F17034_DAISY-MINI-SHD-MATT	Shade	252	252	4	6.1
» Box size: 398 x 298 x 265 mm					

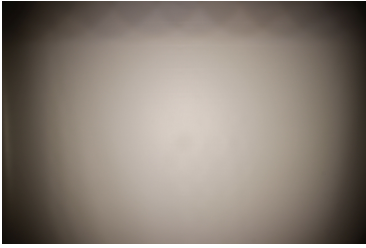
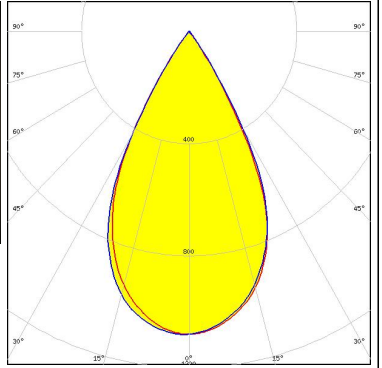
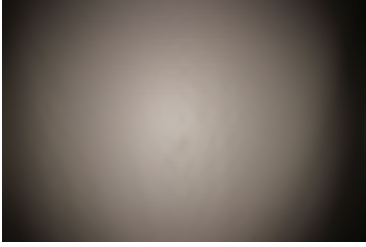
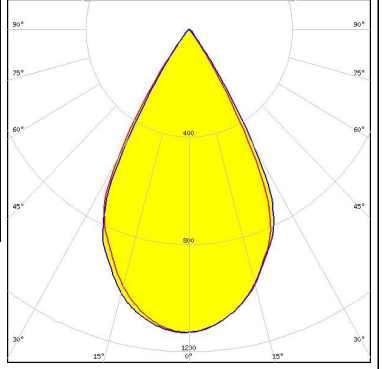
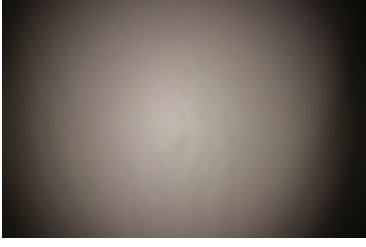
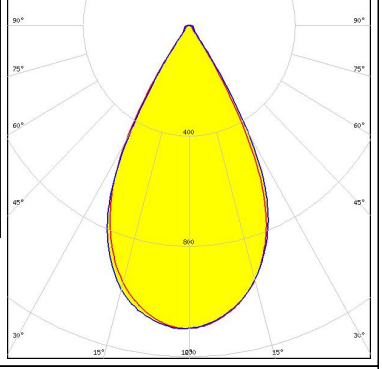
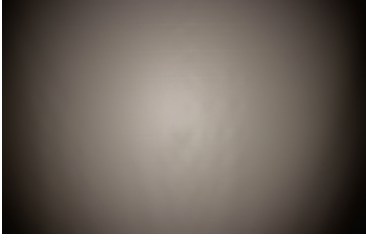
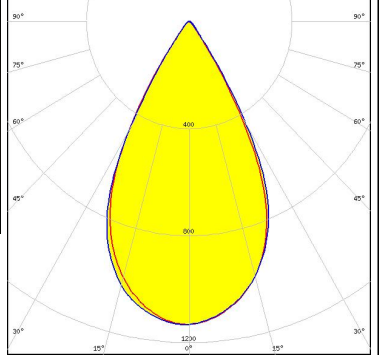


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):

<p><b>LUMITRONIX<sup>®</sup></b> High-Performance LED-Technologies &amp; Solutions</p> <p>LED LED-Modul 279,65x20 mm 14 LEDs Mini Daisy</p> <p>FWHM / FWTM 55.0° / 69.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 1.2 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17034_DAISSY-MINI-SHD-MATT</p>		
<p><b>LUMITRONIX<sup>®</sup></b> High-Performance LED-Technologies &amp; Solutions</p> <p>LED LED-Modul 279,65x20 mm 14 LEDs Mini Daisy</p> <p>FWHM / FWTM 55.0° / 70.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 1.2 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17465_DAISSY-MINI-SHD-WHT-MATT</p>		
<p><b>LUMITRONIX<sup>®</sup></b> High-Performance LED-Technologies &amp; Solutions</p> <p>LED LED-Modul 279,65x20 mm 14 LEDs Mini Daisy</p> <p>FWHM / FWTM 55.0° / 69.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 1.2 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17028_DAISSY-MINI-SHD</p>		
<p><b>LUMITRONIX<sup>®</sup></b> High-Performance LED-Technologies &amp; Solutions</p> <p>LED LED-Modul 279,65x20 mm 14 LEDs Mini Daisy</p> <p>FWHM / FWTM 55.0° / 71.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 1.2 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17033_DAISSY-MINI-SHD-WHT</p>		

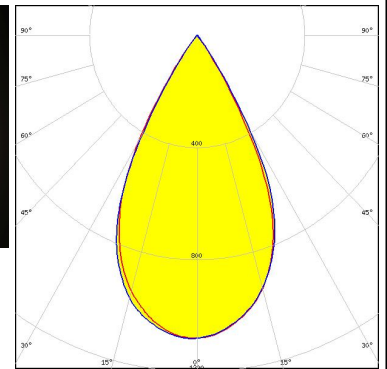
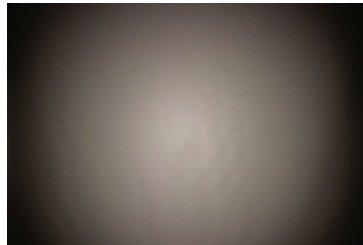
### OPTICAL RESULTS (MEASURED):

<p><b>LUMITRONIX<sup>®</sup></b> High-Performance LED-Technologies &amp; Solutions</p> <p>LED LED-Modul 279,65x20 mm 14 LEDs TW Mini Daisy</p> <p>FWHM / FWTM 56.0° / 71.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 1.1 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour Tunable White</p> <p>Required components: F17028_DAISSY-MINI-SHD</p>		
<p><b>LUMITRONIX<sup>®</sup></b> High-Performance LED-Technologies &amp; Solutions</p> <p>LED LED-Modul 279,65x20 mm 14 LEDs TW Mini Daisy</p> <p>FWHM / FWTM 58.0° / 73.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 1.1 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour Tunable White</p> <p>Required components: F17666_DAISSY-MINI-SHD-MET</p>		
<p><b>LUMITRONIX<sup>®</sup></b> High-Performance LED-Technologies &amp; Solutions</p> <p>LED LED-Modul 279,65x20 mm 14 LEDs TW Mini Daisy</p> <p>FWHM / FWTM 56.0° / 73.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 1.1 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour Tunable White</p> <p>Required components: F17033_DAISSY-MINI-SHD-WHT</p>		
<p><b>LUMITRONIX<sup>®</sup></b> High-Performance LED-Technologies &amp; Solutions</p> <p>LED LED-Modul 279,65x20 mm 14 LEDs TW Mini Daisy</p> <p>FWHM / FWTM 56.0° / 74.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 1.1 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour Tunable White</p> <p>Required components: F17667_DAISSY-MINI-SHD-MET-MATT</p>		

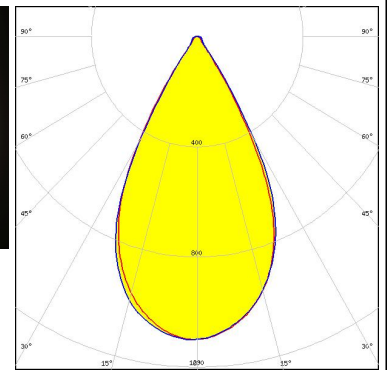
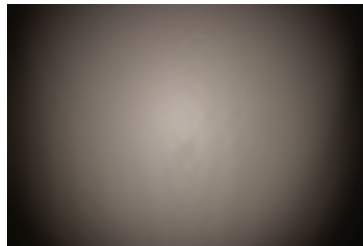
### OPTICAL RESULTS (MEASURED):



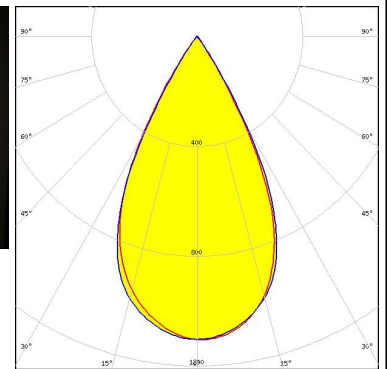
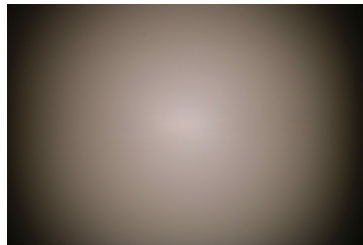
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 FWHM / FWTM 55.0° / 71.0°  
 Efficiency 81 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour Tunable White  
 Required components:  
 F17034\_DAISSY-MINI-SHD-MATT



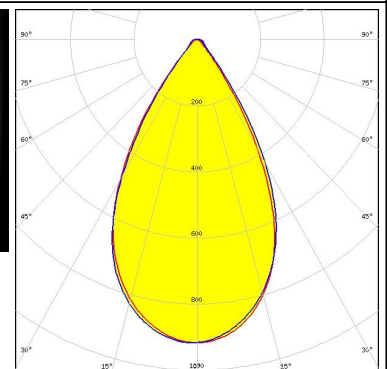
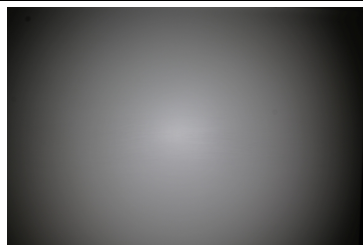
LED LED-Modul 279,65x20 mm 14 LEDs TW Mini Daisy  
 FWHM / FWTM 56.0° / 72.0°  
 Efficiency 92 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour Tunable White  
 Required components:  
 F17465\_DAISSY-MINI-SHD-WHT-MATT



LED Opticus Daisy Mini M L28W2  
 FWHM / FWTM 55.0° / 70.0°  
 Efficiency 82 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17034\_DAISSY-MINI-SHD-MATT



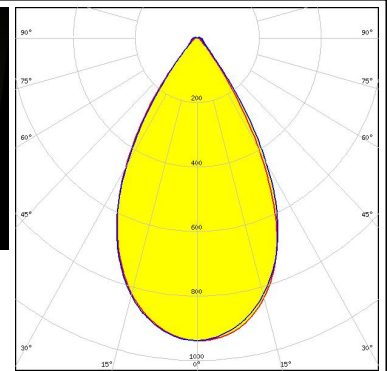
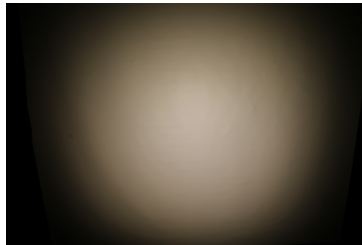
LED LinLED 280x20mm 1100lm 8x0 2C 42V Opt G1  
 FWHM / FWTM 59.0° / 84.0°  
 Efficiency 90 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 2  
 Light colour White  
 Required components:  
 F17465\_DAISSY-MINI-SHD-WHT-MATT



### OPTICAL RESULTS (MEASURED):

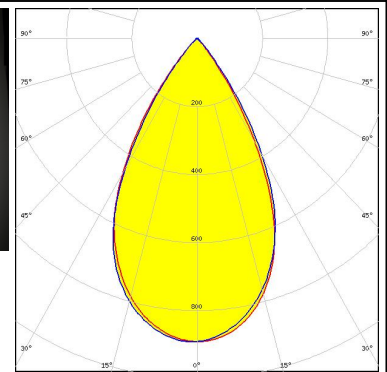
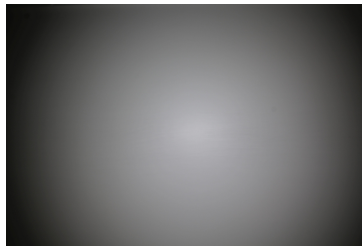
#### MST *Your solutions*

LED LinLED 280x20mm 1100lm 8x0 2C 42V Opt G1  
 FWHM / FWTM 59.0° / 83.0°  
 Efficiency 90 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 2  
 Light colour White  
 Required components:  
 F17033\_DAISSY-MINI-SHD-WHT



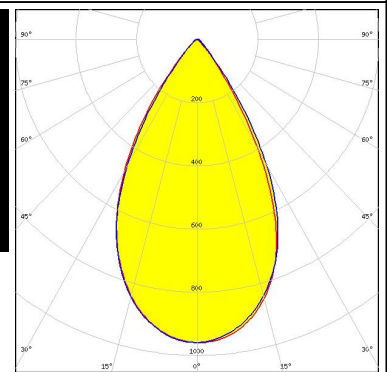
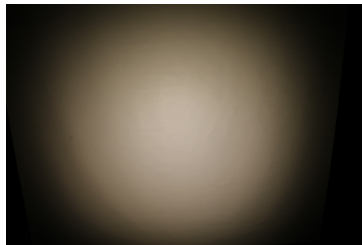
#### MST *Your solutions*

LED LinLED 280x20mm 1100lm 8x0 2C 42V Opt G1  
 FWHM / FWTM 58.0° / 81.0°  
 Efficiency 78 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 2  
 Light colour White  
 Required components:  
 F17028\_DAISSY-MINI-SHD



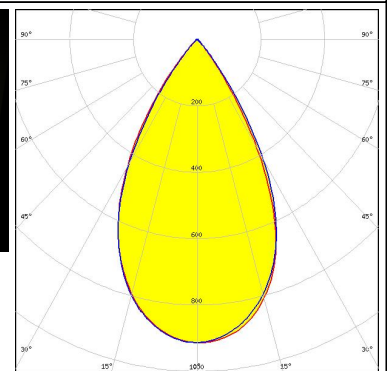
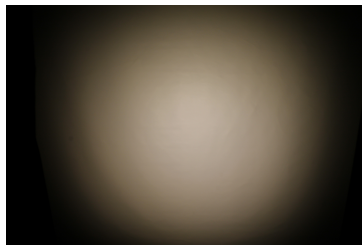
#### MST *Your solutions*

LED LinLED 280x20mm 1100lm 8x0 2C 42V Opt G1  
 FWHM / FWTM 59.0° / 83.0°  
 Efficiency 88 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 2  
 Light colour White  
 Required components:  
 F17667\_DAISSY-MINI-SHD-MET-MATT



#### MST *Your solutions*

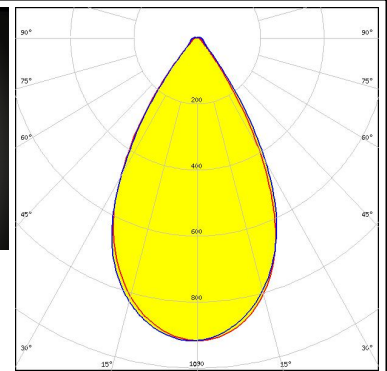
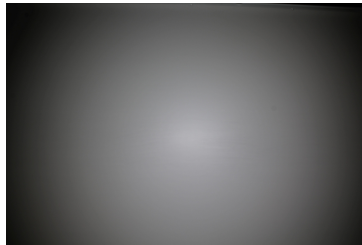
LED LinLED 280x20mm 1100lm 8x0 2C 42V Opt G1  
 FWHM / FWTM 57.0° / 80.0°  
 Efficiency 78 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 2  
 Light colour White  
 Required components:  
 F17034\_DAISSY-MINI-SHD-MATT



### OPTICAL RESULTS (MEASURED):

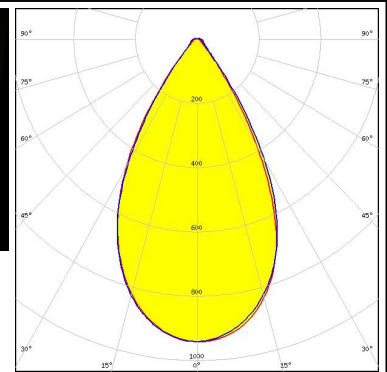
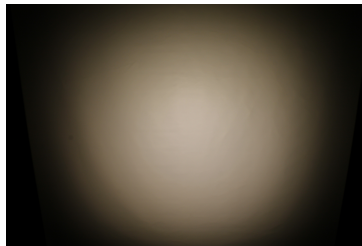
#### MST *Your solutions*

LED LinLED 280x20mm 1100lm 8x0 2C 42V Opt G1  
 FWHM / FWTM 59.0° / 84.0°  
 Efficiency 90 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 2  
 Light colour White  
 Required components:  
 F17033\_DAISSY-MINI-SHD-WHT



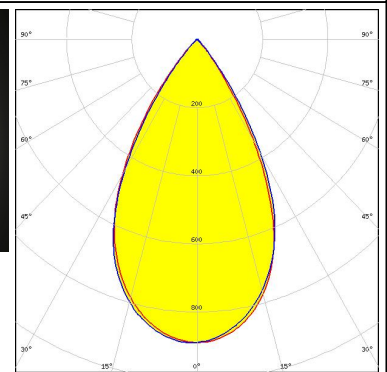
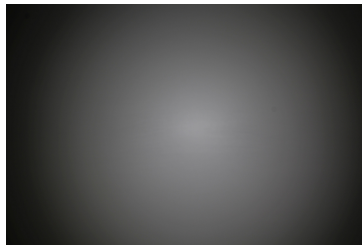
#### MST *Your solutions*

LED LinLED 280x20mm 1100lm 8x0 2C 42V Opt G1  
 FWHM / FWTM 58.0° / 82.0°  
 Efficiency 89 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 2  
 Light colour White  
 Required components:  
 F17465\_DAISSY-MINI-SHD-WHT-MATT



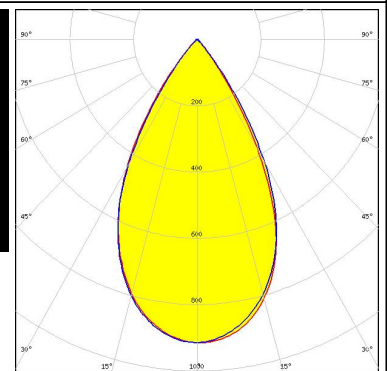
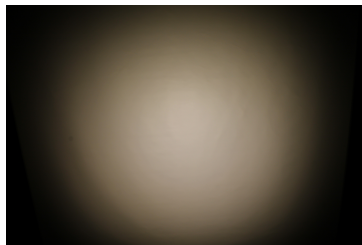
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LED LinLED 280x20mm 1100lm 8x0 2C 42V Opt G1  
 FWHM / FWTM 58.0° / 81.0°  
 Efficiency 77 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 2  
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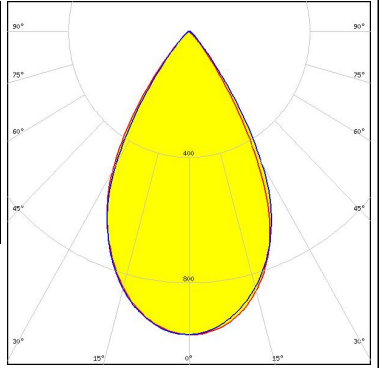
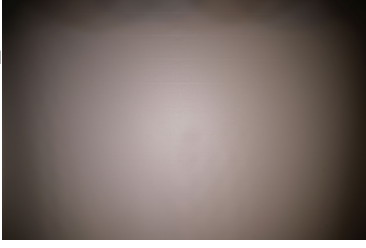
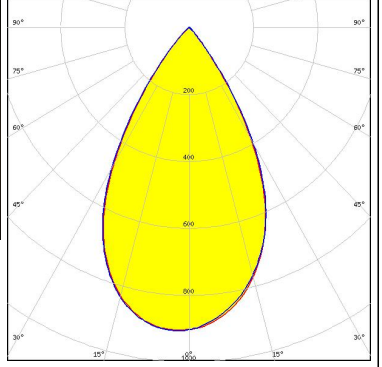
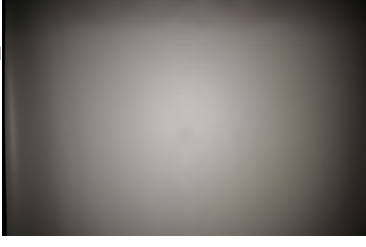
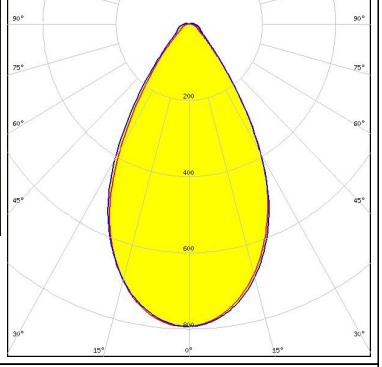
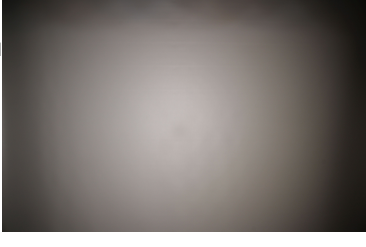
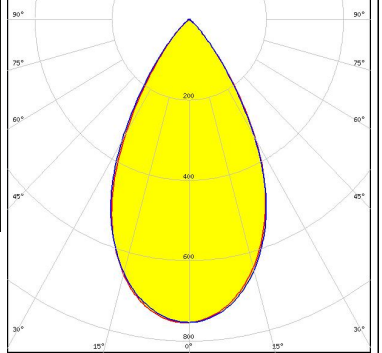
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 Efficiency 78 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 2  
 Light colour White  
 Required components:  
 F17028\_DAISSY-MINI-SHD


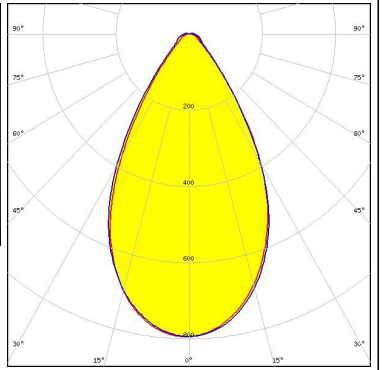

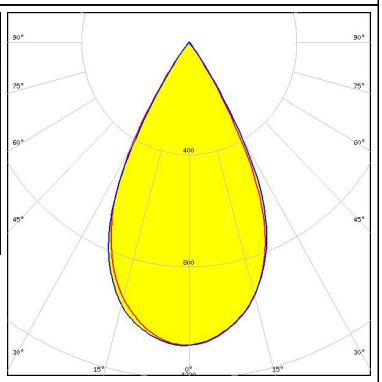

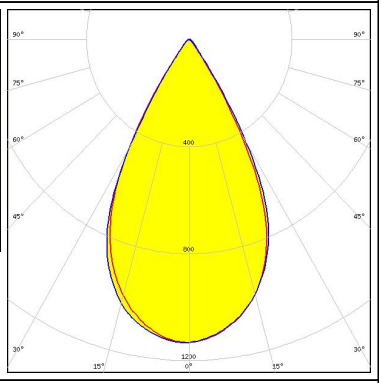
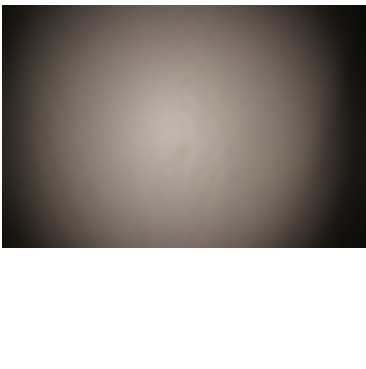
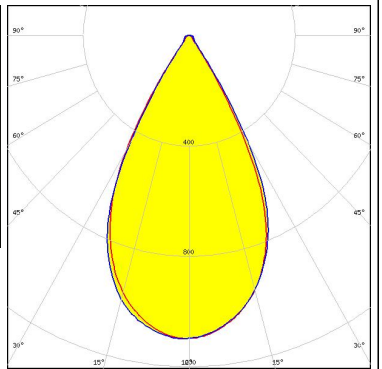




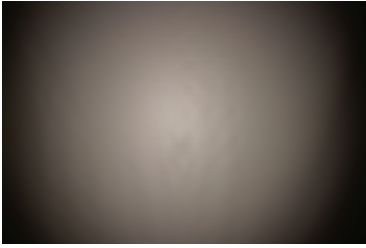
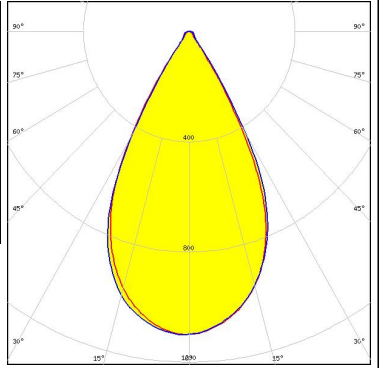
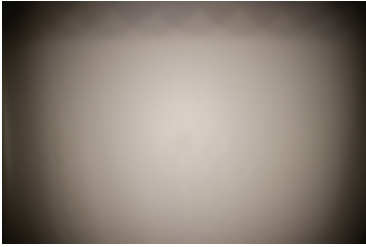
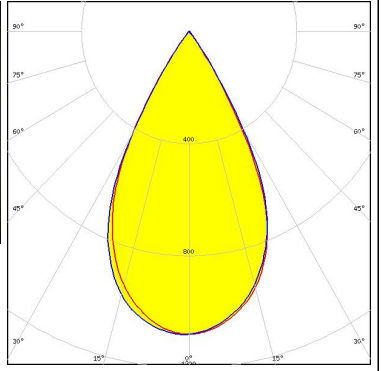
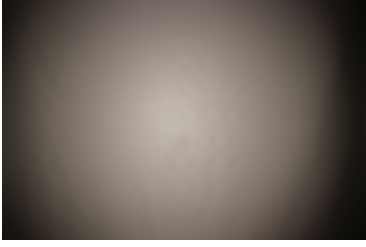
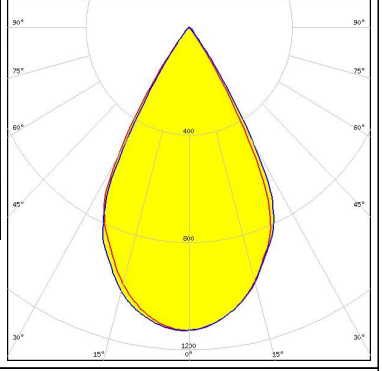
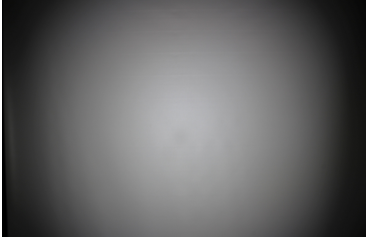
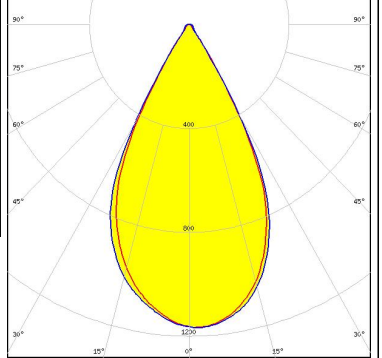
### OPTICAL RESULTS (MEASURED):

<p><b>MST</b> <i>Your solutions</i></p> <p>LED LinLED 280x20mm 1100lm 8x0 2C 42V Opt G1</p> <p>FWHM / FWTM 60.0° / 82.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 1 cd/lm</p> <p>LEDs/each optic 2</p> <p>Light colour White</p> <p>Required components: F17666_DAISSY-MINI-SHD-MET</p>		
<p><b>MST</b> <i>Your solutions</i></p> <p>LED LinLED 280x20mm 2x550lm 827-865 2x2C 42V DAISY-MI</p> <p>FWHM / FWTM 59.0° / 82.0°</p> <p>Efficiency 80 %</p> <p>Peak intensity 0.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour Tunable White</p> <p>Required components: F17028_DAISSY-MINI-SHD</p>		
<p><b>MST</b> <i>Your solutions</i></p> <p>LED LinLED 280x20mm 2x550lm 827-865 2x2C 42V DAISY-MI</p> <p>FWHM / FWTM 60.0° / 93.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 0.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour Tunable White</p> <p>Required components: F17033_DAISSY-MINI-SHD-WHT</p>		
<p><b>MST</b> <i>Your solutions</i></p> <p>LED LinLED 280x20mm 2x550lm 827-865 2x2C 42V DAISY-MI</p> <p>FWHM / FWTM 58.0° / 85.0°</p> <p>Efficiency 69 %</p> <p>Peak intensity 0.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour Tunable White</p> <p>Required components: F17034_DAISSY-MINI-SHD-MATT</p>		


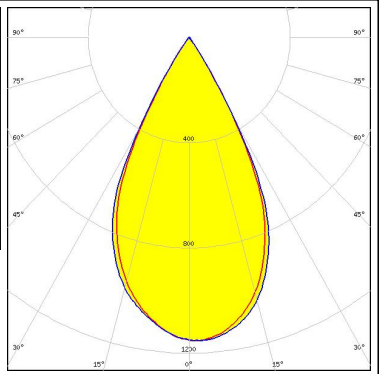

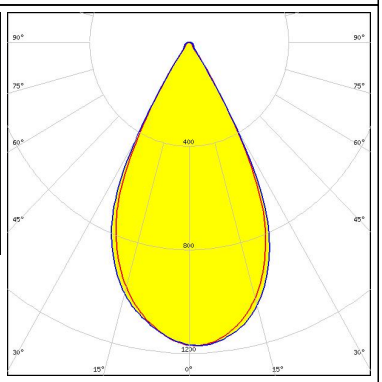

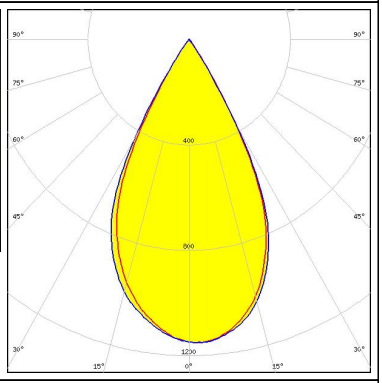

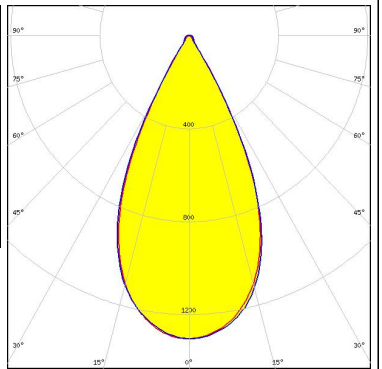
### OPTICAL RESULTS (MEASURED):

<p><b>MST</b> <i>Your solutions</i></p> <p>LED LinLED 280x20mm 2x550lm 827-865 2x2C 42V DAISY-MI</p> <p>FWHM / FWTM 59.0° / 92.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 0.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour Tunable White</p> <p>Required components: F17465_DAISSY-MINI-SHD-WHT-MATT</p>		
<p><b>NICHIA</b></p> <p>LED NF2W757G-MT (Tunable White)</p> <p>FWHM / FWTM 55.0° / 71.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 1.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour Tunable White</p> <p>Required components: F17034_DAISSY-MINI-SHD-MATT</p>		
<p><b>NICHIA</b></p> <p>LED NF2W757G-MT (Tunable White)</p> <p>FWHM / FWTM 56.0° / 74.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 1.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour Tunable White</p> <p>Required components: F17667_DAISSY-MINI-SHD-MET-MATT</p>		
<p><b>NICHIA</b></p> <p>LED NF2W757G-MT (Tunable White)</p> <p>FWHM / FWTM 56.0° / 73.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 1.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour Tunable White</p> <p>Required components: F17033_DAISSY-MINI-SHD-WHT</p>		

### OPTICAL RESULTS (MEASURED):

<p><b>NICHIA</b></p> <p>LED NF2W757G-MT (Tunable White)</p> <p>FWHM / FWTM 56.0° / 72.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 1.1 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour Tunable White</p> <p>Required components: F17465_DAISSY-MINI-SHD-WHT-MATT</p>		
<p><b>NICHIA</b></p> <p>LED NF2W757G-MT (Tunable White)</p> <p>FWHM / FWTM 56.0° / 71.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 1.1 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour Tunable White</p> <p>Required components: F17028_DAISSY-MINI-SHD</p>		
<p><b>NICHIA</b></p> <p>LED NF2W757G-MT (Tunable White)</p> <p>FWHM / FWTM 58.0° / 73.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 1.1 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour Tunable White</p> <p>Required components: F17666_DAISSY-MINI-SHD-MET</p>		
<p><b>NICHIA</b></p> <p>LED NFSx757G</p> <p>FWHM / FWTM 55.0° / 70.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 1.2 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17033_DAISSY-MINI-SHD-WHT</p>		

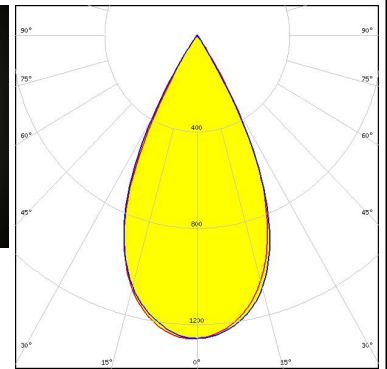
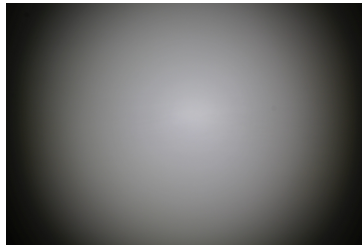
### OPTICAL RESULTS (MEASURED):

<p><b>NICHIA</b></p> <p>LED NFSx757G            FWHM / FWTM 54.0° / 69.0°            Efficiency 83 %            Peak intensity 1.2 cd/lm            LEDs/each optic 1            Light colour White            Required components:            F17034_DAISSY-MINI-SHD-MATT</p>		
<p><b>NICHIA</b></p> <p>LED NFSx757G            FWHM / FWTM 54.0° / 70.0°            Efficiency 93 %            Peak intensity 1.2 cd/lm            LEDs/each optic 1            Light colour White            Required components:            F17465_DAISSY-MINI-SHD-WHT-MATT</p>		
<p><b>NICHIA</b></p> <p>LED NFSx757G            FWHM / FWTM 55.0° / 69.0°            Efficiency 83 %            Peak intensity 1.2 cd/lm            LEDs/each optic 1            Light colour White            Required components:            F17028_DAISSY-MINI-SHD</p>		
<p><b>SAMSUNG</b></p> <p>LED LM28xB Series            FWHM / FWTM 51.0° / 67.0°            Efficiency 92 %            Peak intensity 1.3 cd/lm            LEDs/each optic 1            Light colour White            Required components:            F17465_DAISSY-MINI-SHD-WHT-MATT</p>		

### OPTICAL RESULTS (MEASURED):

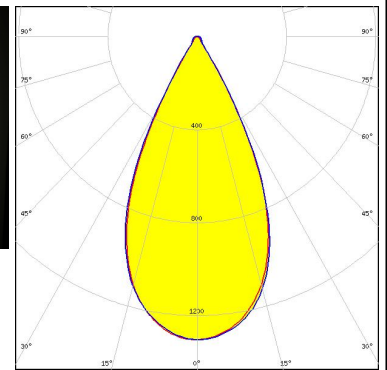
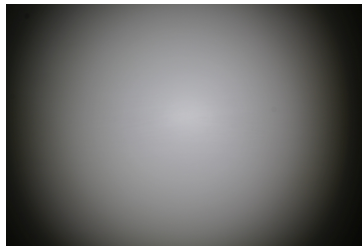
#### SAMSUNG

LED LM28xB Series  
 FWHM / FWTM 51.0° / 67.0°  
 Efficiency 83 %  
 Peak intensity 1.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17028\_DAISSY-MINI-SHD

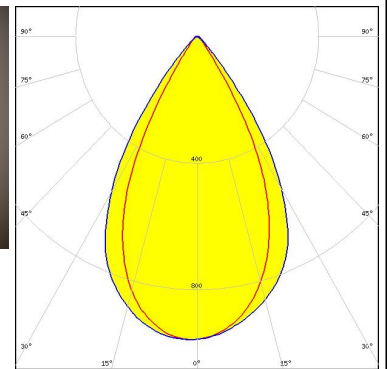
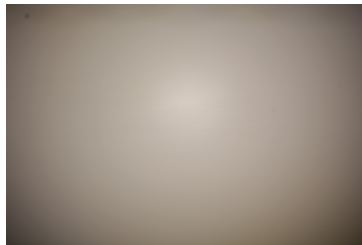


#### SAMSUNG

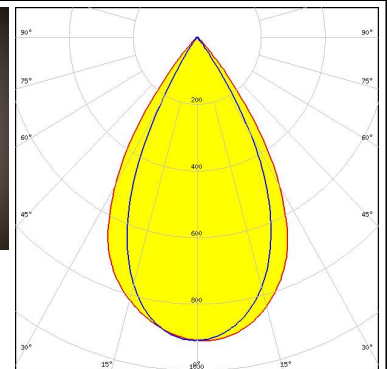
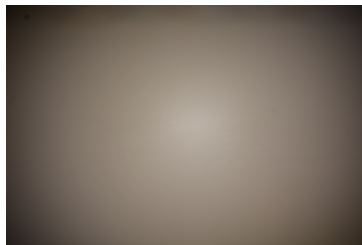
LED LM28xB Series  
 FWHM / FWTM 55.0° / 70.0°  
 Efficiency 82 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17465\_DAISSY-MINI-SHD-WHT-MATT




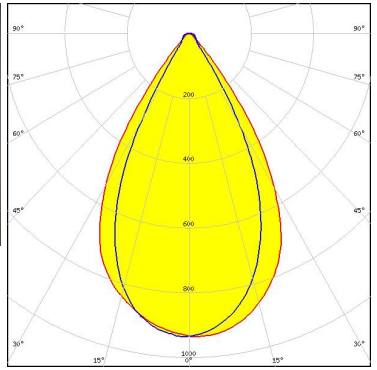

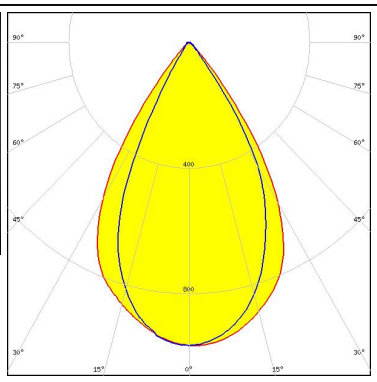

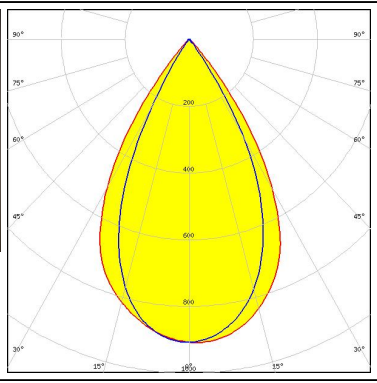

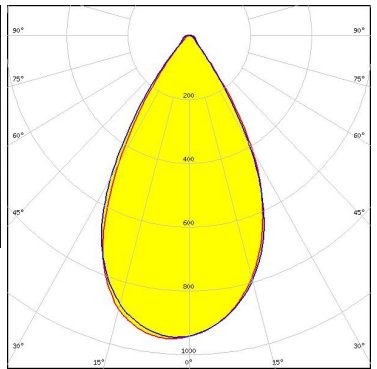
LED PassivePAQ-L-1F20-SA2-1K-827-1.1K-865-3-TW  
 FWHM / FWTM 53.0 + 65.0° / 73.0 + 87.0°  
 Efficiency 88 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 2  
 Light colour Tunable White  
 Required components:  
 F17667\_DAISSY-MINI-SHD-MET-MATT




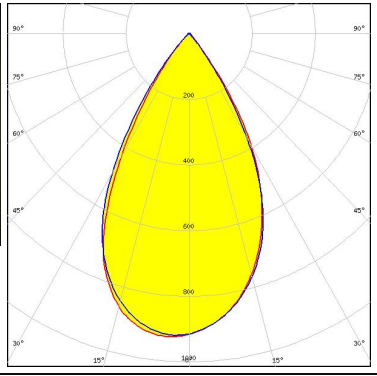

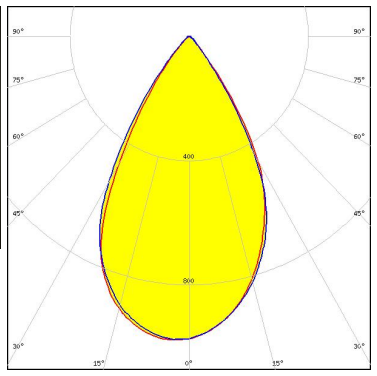

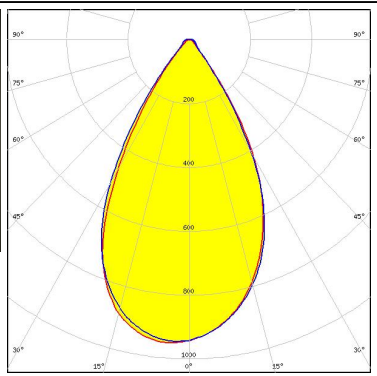

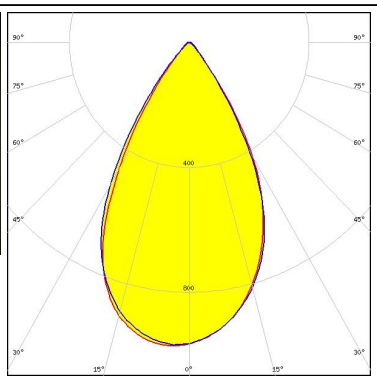
LED PassivePAQ-L-1F20-SA2-1K-827-1.1K-865-3-TW  
 FWHM / FWTM 64.0 + 52.0° / 84.0 + 70.0°  
 Efficiency 77 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 2  
 Light colour Tunable White  
 Required components:  
 F17033\_DAISSY-MINI-SHD-WHT





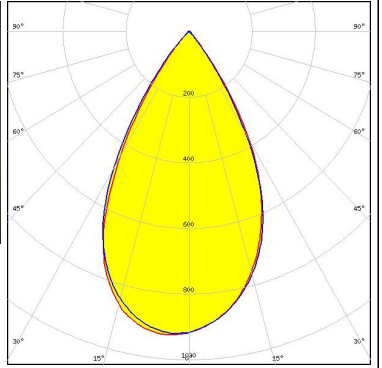

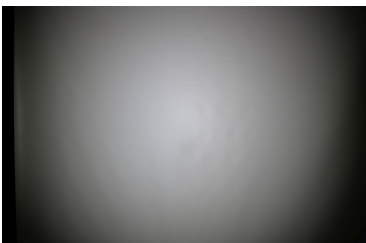
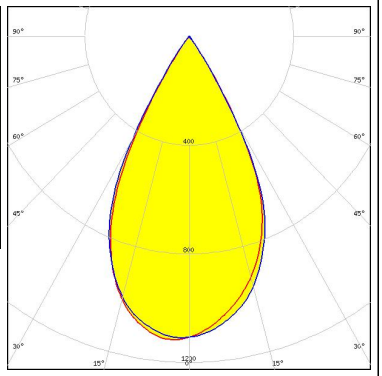

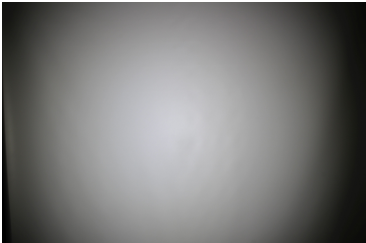
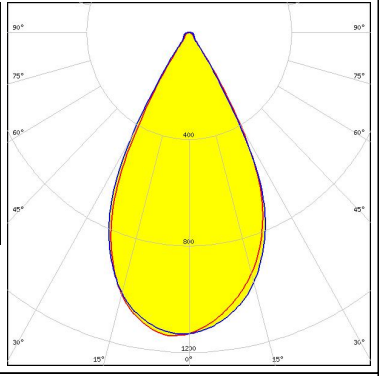

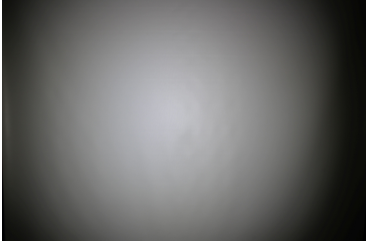
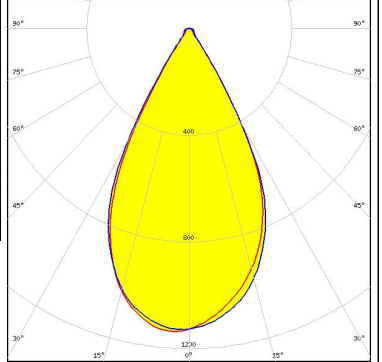
### OPTICAL RESULTS (MEASURED):

<p><b>TEPCOMP group</b></p> <p>LED                    PassivePAQ-L-1F20-SA2-1K-827-1.1K-865-3-TW</p> <p>FWHM / FWTM        65.0 + 53.0° / 86.0 + 72.0°</p> <p>Efficiency            89 %</p> <p>Peak intensity        0.9 cd/lm</p> <p>LEDs/each optic     2</p> <p>Light colour         Tunable White</p> <p>Required components:</p>		
<p><b>TEPCOMP group</b></p> <p>LED                    PassivePAQ-L-1F20-SA2-1K-827-1.1K-865-3-TW</p> <p>FWHM / FWTM        65.0 + 55.0° / 86.0 + 73.0°</p> <p>Efficiency            88 %</p> <p>Peak intensity        1 cd/lm</p> <p>LEDs/each optic     2</p> <p>Light colour         Tunable White</p> <p>Required components: F17666_DAISSY-MINI-SHD-MET</p>		
<p><b>TEPCOMP group</b></p> <p>LED                    PassivePAQ-L-1F20-SA2-1K-827-1.1K-865-3-TW</p> <p>FWHM / FWTM        64.0 + 53.0° / 84.0 + 70.0°</p> <p>Efficiency            78 %</p> <p>Peak intensity        0.9 cd/lm</p> <p>LEDs/each optic     2</p> <p>Light colour         Tunable White</p> <p>Required components: F17028_DAISSY-MINI-SHD</p>		
<p><b>TEPCOMP group</b></p> <p>LED                    PassivePAQ-L-1F20-SA2-2.4K-840-4</p> <p>FWHM / FWTM        58.0 + 59.0° / 82.0 + 83.0°</p> <p>Efficiency            90 %</p> <p>Peak intensity        1 cd/lm</p> <p>LEDs/each optic     2</p> <p>Light colour         White</p> <p>Required components: F17465_DAISSY-MINI-SHD-WHT-MATT</p>		

### OPTICAL RESULTS (MEASURED):


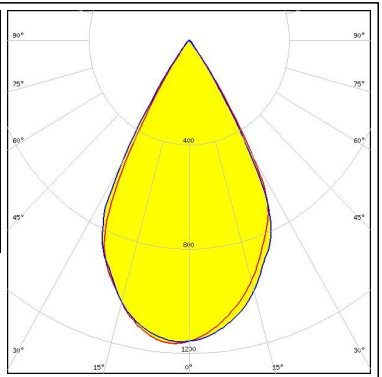

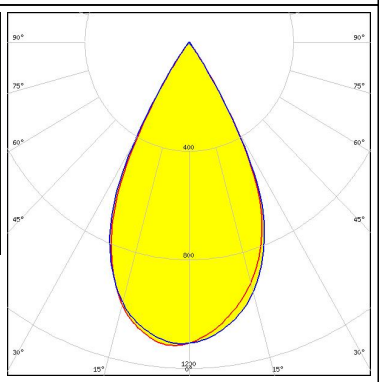

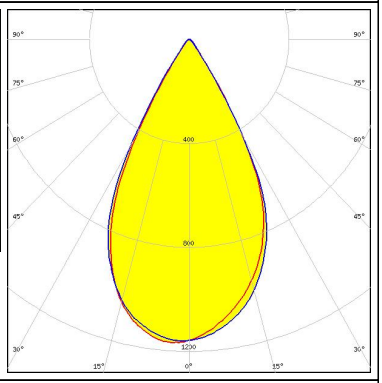
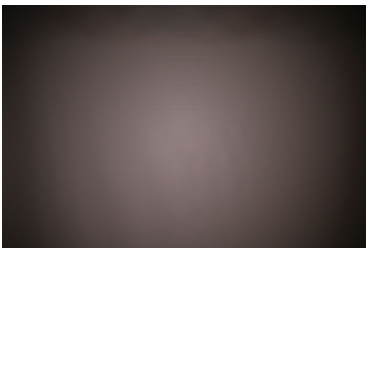
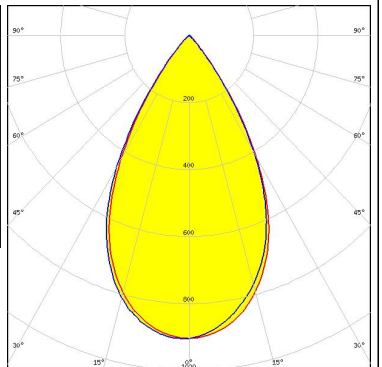
<p><b>TEPCOMP</b> group</p> <p>LED                    PassivePAQ-L-1F20-SA2-2.4K-840-4</p> <p>FWHM / FWTM      57.0 + 58.0° / 80.0°</p> <p>Efficiency            78 %</p> <p>Peak intensity      0.9 cd/lm</p> <p>LEDs/each optic    2</p> <p>Light colour        White</p> <p>Required components: F17028_DAISSY-MINI-SHD</p>		
<p><b>TEPCOMP</b> group</p> <p>LED                    PassivePAQ-L-1F20-SA2-2.4K-840-4</p> <p>FWHM / FWTM      59.0 + 60.0° / 82.0 + 83.0°</p> <p>Efficiency            89 %</p> <p>Peak intensity      1 cd/lm</p> <p>LEDs/each optic    2</p> <p>Light colour        White</p> <p>Required components: F17666_DAISSY-MINI-SHD-MET</p>		
<p><b>TEPCOMP</b> group</p> <p>LED                    PassivePAQ-L-1F20-SA2-2.4K-840-4</p> <p>FWHM / FWTM      58.0 + 59.0° / 82.0 + 83.0°</p> <p>Efficiency            91 %</p> <p>Peak intensity      1 cd/lm</p> <p>LEDs/each optic    2</p> <p>Light colour        White</p> <p>Required components: F17033_DAISSY-MINI-SHD-WHT</p>		
<p><b>TEPCOMP</b> group</p> <p>LED                    PassivePAQ-L-1F20-SA2-2.4K-840-4</p> <p>FWHM / FWTM      58.0 + 59.0° / 82.0 + 83.0°</p> <p>Efficiency            88 %</p> <p>Peak intensity      1 cd/lm</p> <p>LEDs/each optic    2</p> <p>Light colour        White</p> <p>Required components: F17667_DAISSY-MINI-SHD-MET-MATT</p>		

### OPTICAL RESULTS (MEASURED):

<p> <b>TEPCOMP group</b></p> <p>LED                    PassivePAQ-L-1F20-SA2-2.4K-840-4</p> <p>FWHM / FWTM        57.0 + 58.0° / 80.0°</p> <p>Efficiency             78 %</p> <p>Peak intensity        0.9 cd/lm</p> <p>LEDs/each optic     2</p> <p>Light colour          White</p> <p>Required components: F17034_DAISSY-MINI-SHD-MATT</p>		
<p> <b>TEPCOMP group</b></p> <p>LED                    PassivePAQ-L-1F20-SA3-1.3K-840-3-M2</p> <p>FWHM / FWTM        55.0° / 70.0°</p> <p>Efficiency             82 %</p> <p>Peak intensity        1.1 cd/lm</p> <p>LEDs/each optic     1</p> <p>Light colour          White</p> <p>Required components: F17028_DAISSY-MINI-SHD</p>		
<p> <b>TEPCOMP group</b></p> <p>LED                    PassivePAQ-L-1F20-SA3-1.3K-840-3-M2</p> <p>FWHM / FWTM        55.0° / 71.0°</p> <p>Efficiency             93 %</p> <p>Peak intensity        1.1 cd/lm</p> <p>LEDs/each optic     1</p> <p>Light colour          White</p> <p>Required components: F17465_DAISSY-MINI-SHD-WHT-MATT</p>		
<p> <b>TEPCOMP group</b></p> <p>LED                    PassivePAQ-L-1F20-SA3-1.3K-840-3-M2</p> <p>FWHM / FWTM        55.0° / 71.0°</p> <p>Efficiency             93 %</p> <p>Peak intensity        1.1 cd/lm</p> <p>LEDs/each optic     1</p> <p>Light colour          White</p> <p>Required components: F17033_DAISSY-MINI-SHD-WHT</p>		



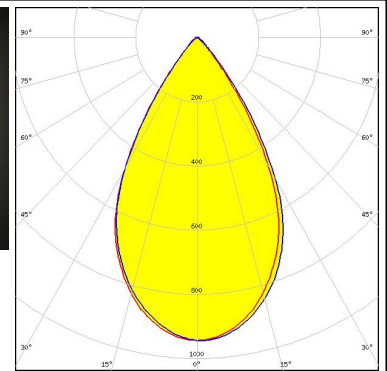
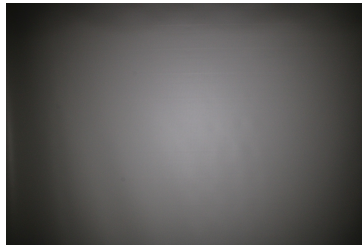
### OPTICAL RESULTS (MEASURED):

<p><b>TEPCOMP</b> group</p> <p>LED                    PassivePAQ-L-1F20-SA3-1.3K-840-3-M2</p> <p>FWHM / FWTM        57.0° / 72.0°</p> <p>Efficiency            92 %</p> <p>Peak intensity        1.2 cd/lm</p> <p>LEDs/each optic     1</p> <p>Light colour          White</p> <p>Required components: F17666_DAISSY-MINI-SHD-MET</p>		
<p><b>TEPCOMP</b> group</p> <p>LED                    PassivePAQ-L-1F20-SA3-1.3K-840-3-M2</p> <p>FWHM / FWTM        55.0° / 70.0°</p> <p>Efficiency            82 %</p> <p>Peak intensity        1.1 cd/lm</p> <p>LEDs/each optic     1</p> <p>Light colour          White</p> <p>Required components: F17034_DAISSY-MINI-SHD-MATT</p>		
<p><b>TEPCOMP</b> group</p> <p>LED                    PassivePAQ-L-1F20-SA3-1.3K-840-3-M2</p> <p>FWHM / FWTM        55.0° / 72.0°</p> <p>Efficiency            92 %</p> <p>Peak intensity        1.2 cd/lm</p> <p>LEDs/each optic     1</p> <p>Light colour          White</p> <p>Required components: F17667_DAISSY-MINI-SHD-MET-MATT</p>		
<p><b>TRIDONIC</b></p> <p>LED                    LLE 20x280mm 750lm 827-865 LV MD ADV1</p> <p>FWHM / FWTM        58.0° / 81.0°</p> <p>Efficiency            78 %</p> <p>Peak intensity        0.9 cd/lm</p> <p>LEDs/each optic     2</p> <p>Light colour          Tunable White</p> <p>Required components: F17028_DAISSY-MINI-SHD</p>		

### OPTICAL RESULTS (MEASURED):

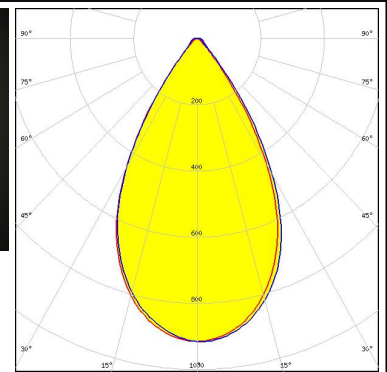
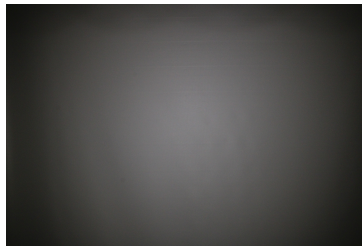
#### TRIDONIC

LED LLE 20x280mm 750lm 840 LV MD ADV1  
 FWHM / FWTM 60.0° / 84.0°  
 Efficiency 89 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 2  
 Light colour White  
 Required components:  
 F17666\_DAISSY-MINI-SHD-MET



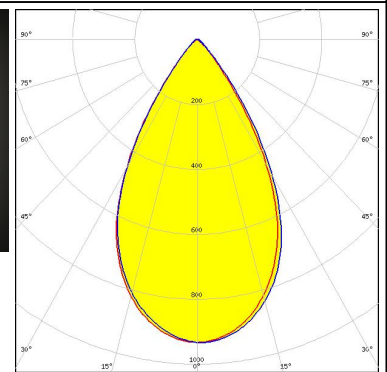
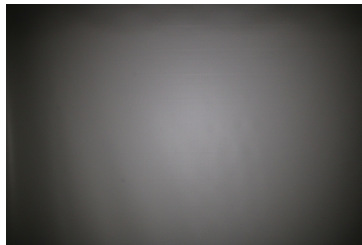
#### TRIDONIC

LED LLE 20x280mm 750lm 840 LV MD ADV1  
 FWHM / FWTM 60.0° / 85.0°  
 Efficiency 90 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 2  
 Light colour White  
 Required components:  
 F17033\_DAISSY-MINI-SHD-WHT



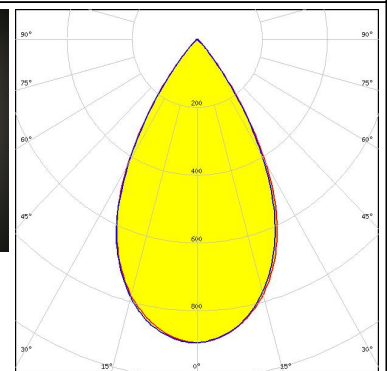
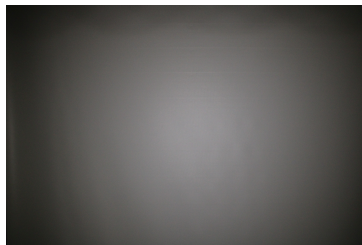
#### TRIDONIC

LED LLE 20x280mm 750lm 840 LV MD ADV1  
 FWHM / FWTM 60.0° / 85.0°  
 Efficiency 88 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 2  
 Light colour White  
 Required components:  
 F17667\_DAISSY-MINI-SHD-MET-MATT



#### TRIDONIC

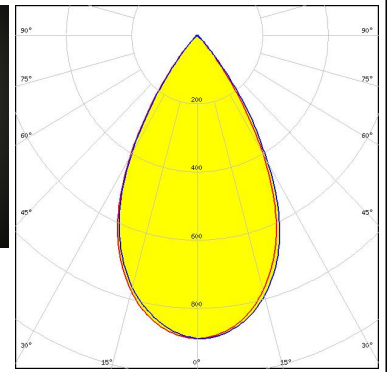
LED LLE 20x280mm 750lm 840 LV MD ADV1  
 FWHM / FWTM 58.0° / 81.0°  
 Efficiency 78 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 2  
 Light colour White  
 Required components:  
 F17028\_DAISSY-MINI-SHD



### OPTICAL RESULTS (MEASURED):

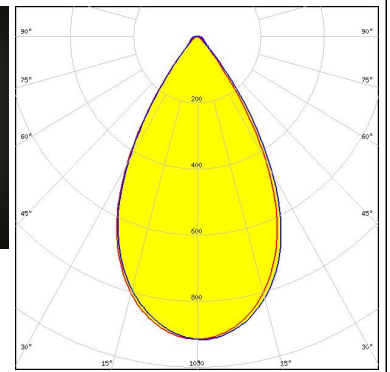
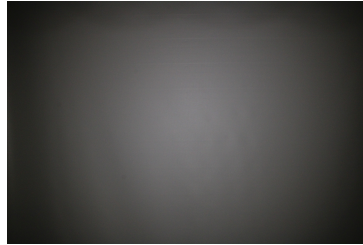
#### TRIDONIC

LED LLE 20x280mm 750lm 840 LV MD ADV1  
 FWHM / FWTM 58.0° / 81.0°  
 Efficiency 77 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 2  
 Light colour White  
 Required components:  
 F17034\_DAISSY-MINI-SHD-MATT



#### TRIDONIC

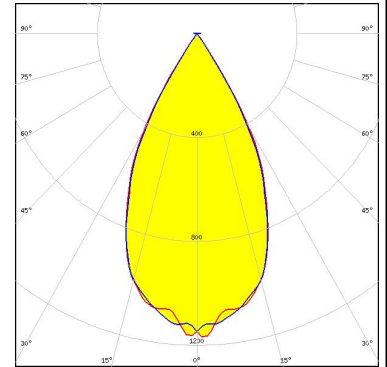
LED LLE 20x280mm 750lm 840 LV MD ADV1  
 FWHM / FWTM 59.0° / 85.0°  
 Efficiency 90 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 2  
 Light colour White  
 Required components:  
 F17465\_DAISSY-MINI-SHD-WHT-MATT



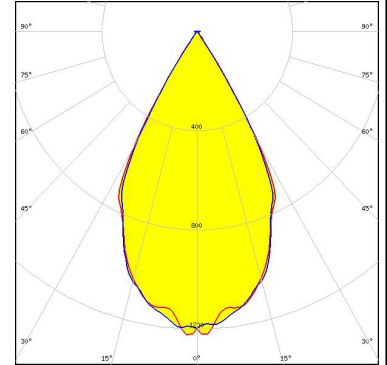
### OPTICAL RESULTS (SIMULATED):



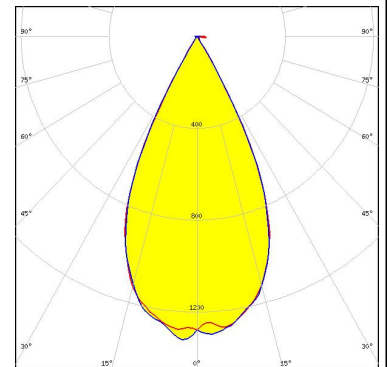
LED XQ-E HI  
 FWHM / FWTM 53.0° / 68.0°  
 Efficiency 78 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17034\_DAISSY-MINI-SHD-MATT



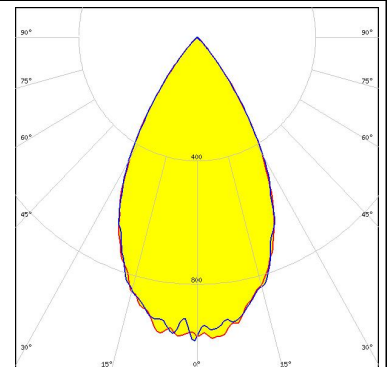
LED XQ-E HI  
 FWHM / FWTM 57.0° / 69.0°  
 Efficiency 88 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17666\_DAISSY-MINI-SHD-MET



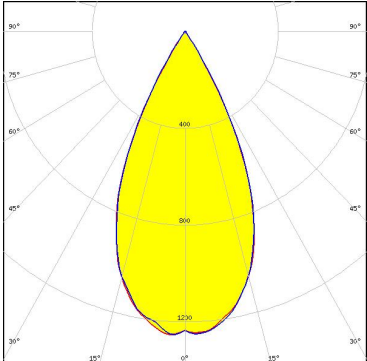
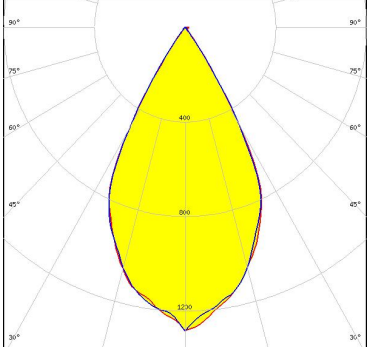
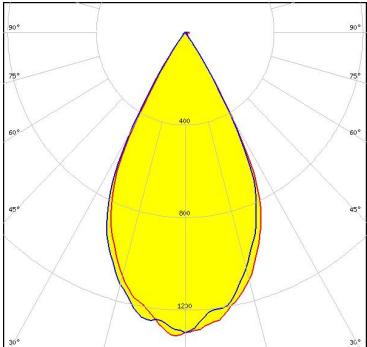
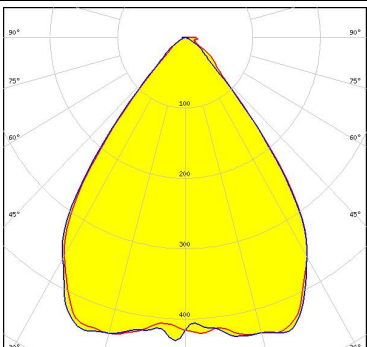
LED LUXEON HL1Z  
 FWHM / FWTM 50.0° / 64.0°  
 Efficiency 82 %  
 Peak intensity 1.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17028\_DAISSY-MINI-SHD



LED NF2x757G  
 FWHM / FWTM 58.0° / 82.0°  
 Efficiency 81 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 2  
 Light colour White  
 Required components:



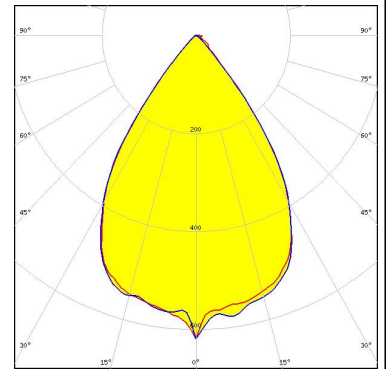
### OPTICAL RESULTS (SIMULATED):

<p><b>NICHIA</b></p> <p>LED: NFSWE11A            FWHM / FWTM: 50.0° / 66.0°            Efficiency: 77 %            Peak intensity: 1.3 cd/lm            LEDs/each optic: 4            Light colour: White            Required components:            F17028_DAISSY-MINI-SHD</p>	
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED: Duris E 2835            FWHM / FWTM: 56.0° / 70.0°            Efficiency: 92 %            Peak intensity: 1.3 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:            F17028_DAISSY-MINI-SHD</p>	
<p><b>SAMSUNG</b></p> <p>LED: LM28xB Series            FWHM / FWTM: 55.0° / 69.0°            Efficiency: 91 %            Peak intensity: 1.3 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:            F17666_DAISSY-MINI-SHD-MET</p>	
<p><b>SAMSUNG</b></p> <p>LED: LM28xB Series            FWHM / FWTM: 76.0° / 101.0°            Efficiency: 75 %            Peak intensity: 0.5 cd/lm            LEDs/each optic: 2            Light colour: White            Required components:            F17666_DAISSY-MINI-SHD-MET</p>	

### OPTICAL RESULTS (SIMULATED):

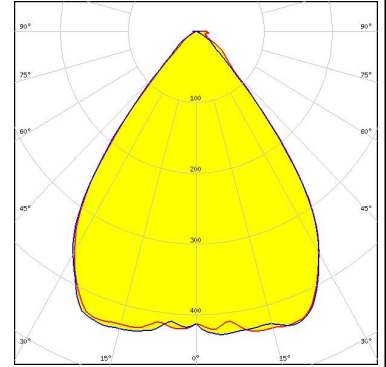
#### SAMSUNG

LED LM28xB Series  
 FWHM / FWTM 68.0° / 87.0°  
 Efficiency 73 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 4  
 Light colour White  
 Required components:  
 F17028\_DAISSY-MINI-SHD



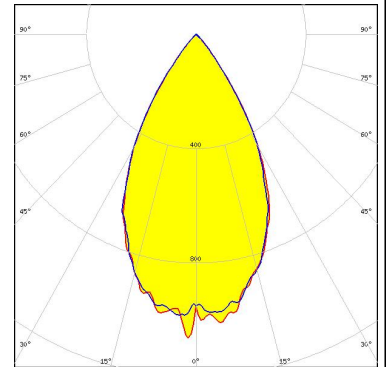
#### SAMSUNG

LED LM28xB Series  
 FWHM / FWTM 76.0° / 101.0°  
 Efficiency 75 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 2  
 Light colour White  
 Required components:  
 F17667\_DAISSY-MINI-SHD-MET-MATT



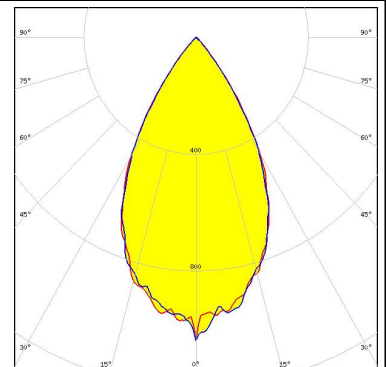
#### SAMSUNG

LED LM28xB Series  
 FWHM / FWTM 57.0° / 80.0°  
 Efficiency 81 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 2  
 Light colour White  
 Required components:



#### SAMSUNG

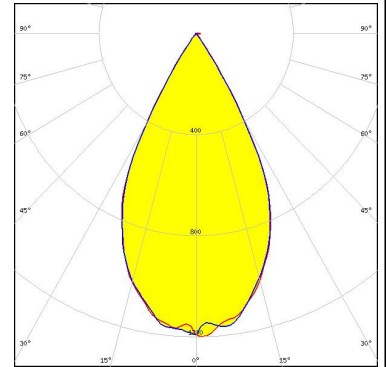
LED LM28xB Series  
 FWHM / FWTM 56.0° / 80.0°  
 Efficiency 80 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 2  
 Light colour White  
 Required components:



### OPTICAL RESULTS (SIMULATED):

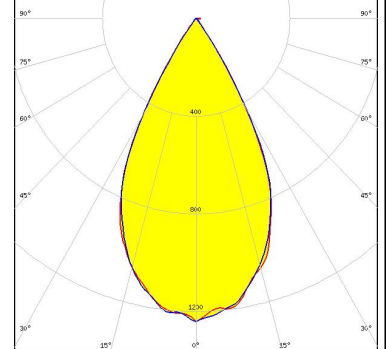
#### SAMSUNG

LED LM302D  
 FWHM / FWTM 54.0° / 70.0°  
 Efficiency 84 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17028\_DAISSY-MINI-SHD



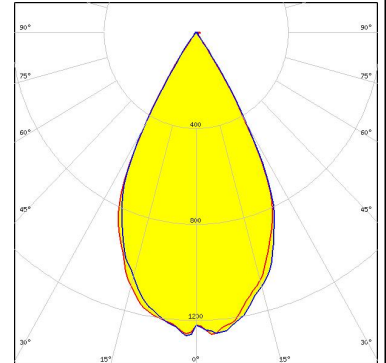
#### SAMSUNG

LED LM302D  
 FWHM / FWTM 54.0° / 70.0°  
 Efficiency 89 %  
 Peak intensity 1.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17465\_DAISSY-MINI-SHD-WHT-MATT



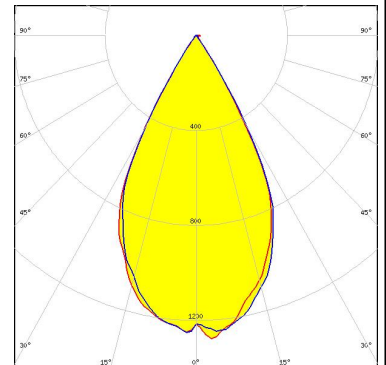
#### SAMSUNG

LED LM302Z plus  
 FWHM / FWTM 55.0° / 70.0°  
 Efficiency 91 %  
 Peak intensity 1.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17666\_DAISSY-MINI-SHD-MET



#### SAMSUNG

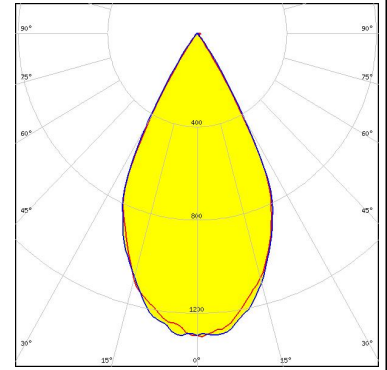
LED LM302Z plus  
 FWHM / FWTM 55.0° / 70.0°  
 Efficiency 91 %  
 Peak intensity 1.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17028\_DAISSY-MINI-SHD



### OPTICAL RESULTS (SIMULATED):

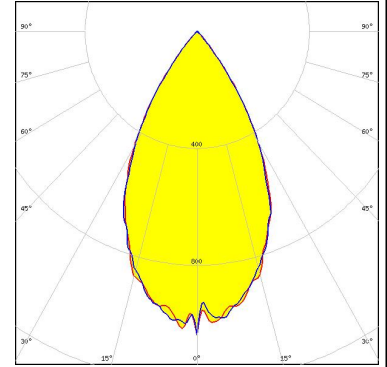
#### SAMSUNG

LED LM561B Plus  
FWHM / FWTM 55.0° / 70.0°  
Efficiency 92 %  
Peak intensity 1.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F17666\_DAISSY-MINI-SHD-MET



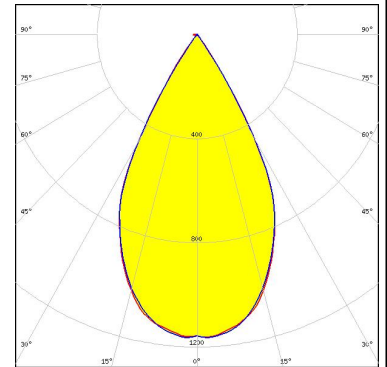
#### SAMSUNG

LED LM561B Plus  
FWHM / FWTM 55.0° / 80.0°  
Efficiency 81 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 2  
Light colour White  
Required components:



SEOUL SEMICONDUCTOR

LED SEOUL 3030  
FWHM / FWTM 56.0° / 71.0°  
Efficiency 86 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
F17028\_DAISSY-MINI-SHD





### 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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