

### DAISY-MINI-W-D

~55° wide beam. Variant with diffused lenses.

#### 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
F17462_DAISY-MINI-W-D	Linear lens	PMMA	milky	
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

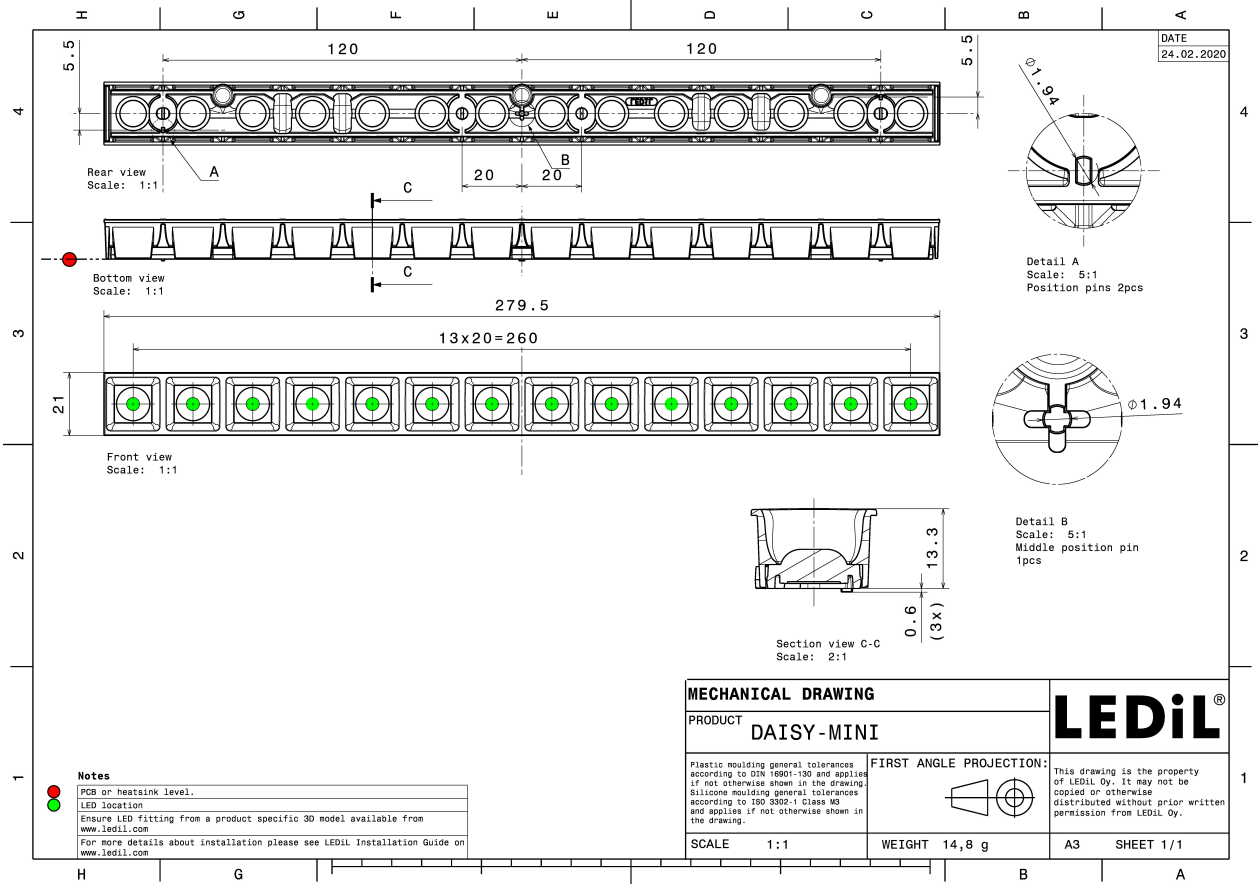
#### ORDERING INFORMATION:

##### Quantities for one set:

Linear lens	1
Shade	1


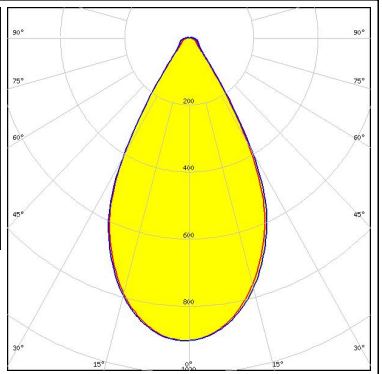

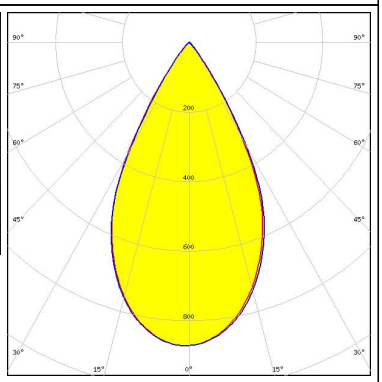

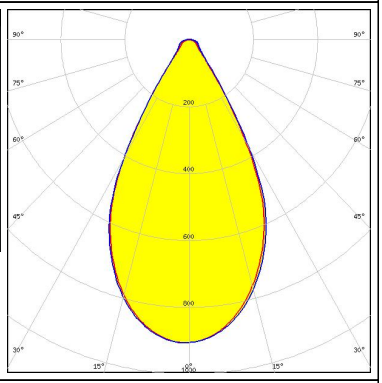

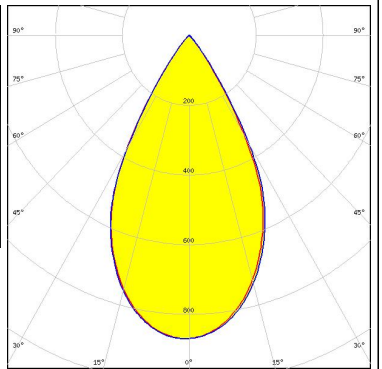


Component		Qty in box	MOQ	MPQ	Box weight (kg)
F17462_DAISY-MINI-W-D	Linear lens	252	252	12	5.8
» Box size: 398 x 298 x 265 mm					
F17034_DAISY-MINI-SHD-MATT	Shade	252	252	4	6.1
» Box size: 398 x 298 x 265 mm					
F17667_DAISY-MINI-SHD-MET-MATT	Shade	252	252	4	6.2
» Box size: 398 x 298 x 265 mm					
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					
F17033_DAISY-MINI-SHD-WHT	Shade	252	252	4	5.9
» 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					

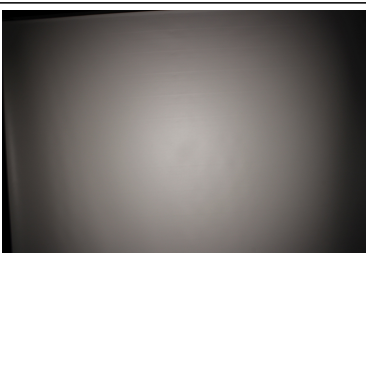
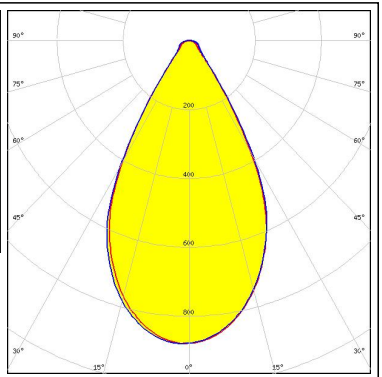

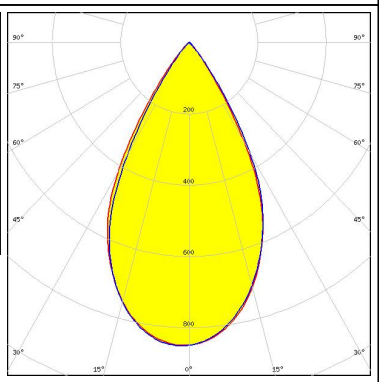
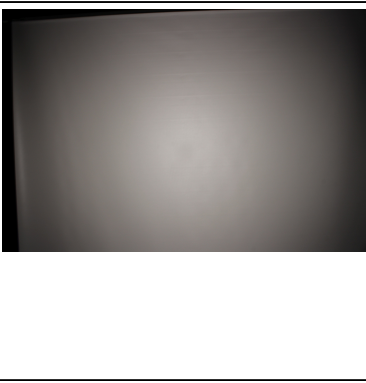
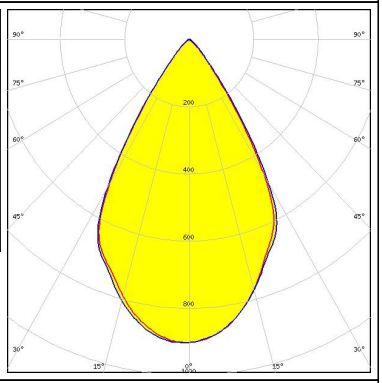

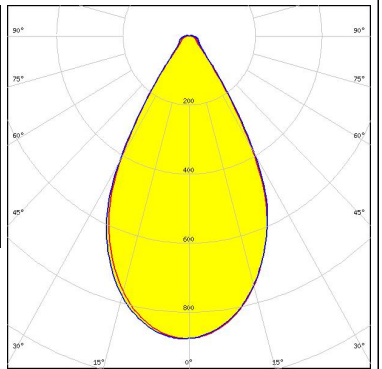


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)


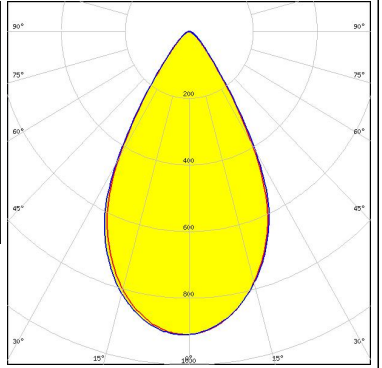
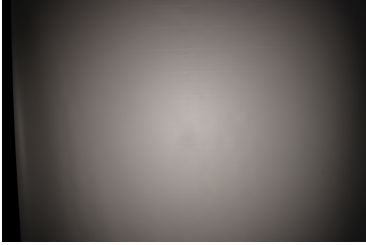
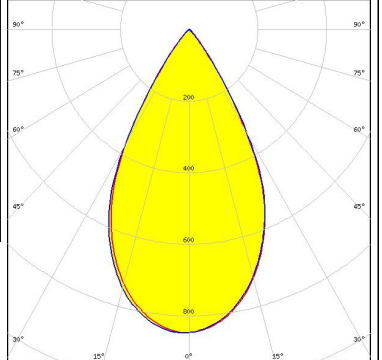
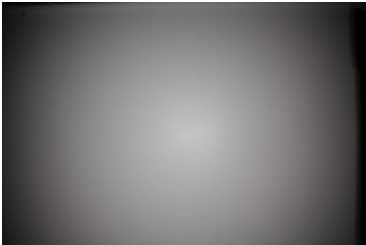
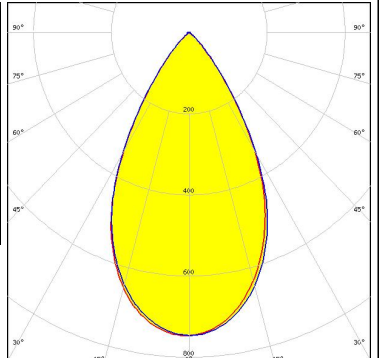
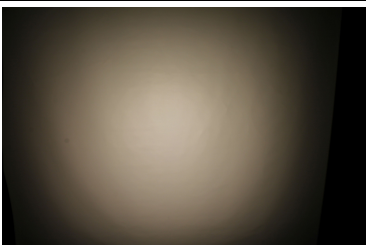
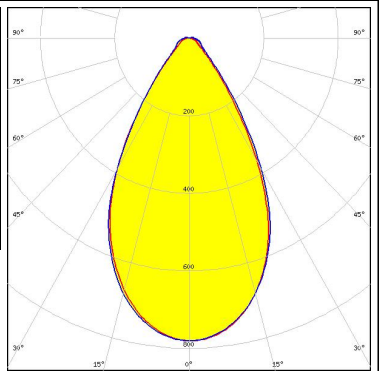
### OPTICAL RESULTS (MEASURED):

<p><b>LUMITRONIX®</b> High-Performance LED-Technologies &amp; Solutions</p> <p>LED LED-Modul 279,65x20 mm 14 LEDs Mini Daisy</p> <p>FWHM / FWTM 57.0° / 80.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 0.9 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17033_DAISSY-MINI-SHD-WHT</p>		
<p><b>LUMITRONIX®</b> High-Performance LED-Technologies &amp; Solutions</p> <p>LED LED-Modul 279,65x20 mm 14 LEDs Mini Daisy</p> <p>FWHM / FWTM 56.0° / 76.0°</p> <p>Efficiency 72 %</p> <p>Peak intensity 0.9 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®</b> High-Performance LED-Technologies &amp; Solutions</p> <p>LED LED-Modul 279,65x20 mm 14 LEDs Mini Daisy</p> <p>FWHM / FWTM 57.0° / 80.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 0.9 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®</b> High-Performance LED-Technologies &amp; Solutions</p> <p>LED LED-Modul 279,65x20 mm 14 LEDs Mini Daisy</p> <p>FWHM / FWTM 56.0° / 76.0°</p> <p>Efficiency 72 %</p> <p>Peak intensity 0.9 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17028_DAISSY-MINI-SHD</p>		

### OPTICAL RESULTS (MEASURED):

<p><b>LUMITRONIX®</b> High-Performance LED-Technologies &amp; Solutions</p> <p>LED LED-Modul 279,65x20 mm 14 LEDs TW Mini Daisy            FWHM / FWTM 58.0° / 82.0°            Efficiency 89 %            Peak intensity 0.9 cd/m            LEDs/each optic 1            Light colour White            Required components:            F17465_DAISSY-MINI-SHD-WHT-MATT</p>		
<p><b>LUMITRONIX®</b> High-Performance LED-Technologies &amp; Solutions</p> <p>LED LED-Modul 279,65x20 mm 14 LEDs TW Mini Daisy            FWHM / FWTM 57.0° / 78.0°            Efficiency 72 %            Peak intensity 0.9 cd/m            LEDs/each optic 1            Light colour Tunable White            Required components:            F17028_DAISSY-MINI-SHD</p>		
<p><b>LUMITRONIX®</b> High-Performance LED-Technologies &amp; Solutions</p> <p>LED LED-Modul 279,65x20 mm 14 LEDs TW Mini Daisy            FWHM / FWTM 62.0° / 83.0°            Efficiency 89 %            Peak intensity 0.9 cd/m            LEDs/each optic 1            Light colour Tunable White            Required components:            F17666_DAISSY-MINI-SHD-MET</p>		
<p><b>LUMITRONIX®</b> High-Performance LED-Technologies &amp; Solutions</p> <p>LED LED-Modul 279,65x20 mm 14 LEDs TW Mini Daisy            FWHM / FWTM 58.0° / 81.0°            Efficiency 89 %            Peak intensity 0.9 cd/m            LEDs/each optic 1            Light colour Tunable White            Required components:            F17033_DAISSY-MINI-SHD-WHT</p>		

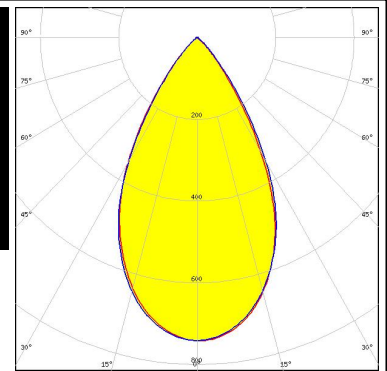
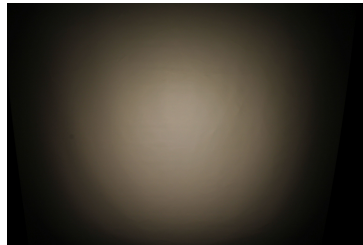
### OPTICAL RESULTS (MEASURED):

<p><b>LUMITRONIX®</b> High-Performance LED-Technologies &amp; Solutions</p> <p>LED LED-Modul 279,65x20 mm 14 LEDs TW Mini Daisy            FWHM / FWTM 59.0° / 84.0°            Efficiency 88 %            Peak intensity 0.9 cd/lm            LEDs/each optic 1            Light colour Tunable White            Required components:            F17667_DAISSY-MINI-SHD-MET-MATT</p>		
<p><b>LUMITRONIX®</b> High-Performance LED-Technologies &amp; Solutions</p> <p>LED LED-Modul 279,65x20 mm 14 LEDs TW Mini Daisy            FWHM / FWTM 57.0° / 78.0°            Efficiency 72 %            Peak intensity 0.8 cd/lm            LEDs/each optic 1            Light colour Tunable White            Required components:            F17034_DAISSY-MINI-SHD-MATT</p>		
<p><b>MST</b>   Your solutions</p> <p>LED LinLED 280x20mm 1100lm 8x0 2C 42V Opt G1            FWHM / FWTM 57.0° / 85.0°            Efficiency 68 %            Peak intensity 0.7 cd/lm            LEDs/each optic 2            Light colour White            Required components:            F17034_DAISSY-MINI-SHD-MATT</p>		
<p><b>MST</b>   Your solutions</p> <p>LED LinLED 280x20mm 1100lm 8x0 2C 42V Opt G1            FWHM / FWTM 59.0° / 92.0°            Efficiency 87 %            Peak intensity 0.8 cd/lm            LEDs/each optic 2            Light colour White            Required components:            F17465_DAISSY-MINI-SHD-WHT-MATT</p>		

### OPTICAL RESULTS (MEASURED):

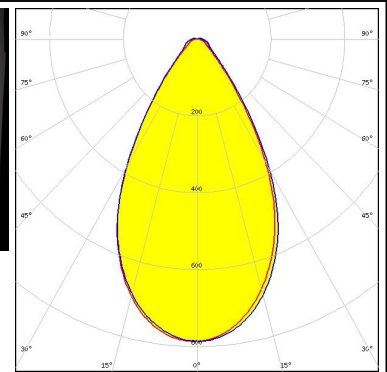
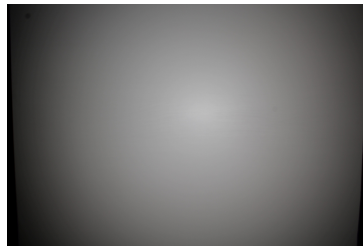
#### MST *Your solutions*

LED LinLED 280x20mm 1100lm 8x0 2C 42V Opt G1  
 FWHM / FWTM 58.0° / 85.0°  
 Efficiency 69 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 2  
 Light colour White  
 Required components:  
 F17028\_DAISSY-MINI-SHD



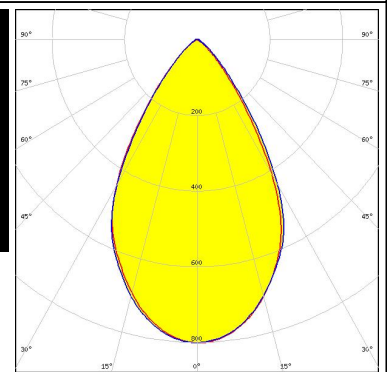
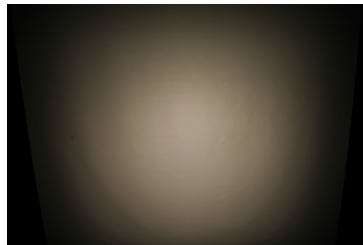
#### MST *Your solutions*

LED LinLED 280x20mm 1100lm 8x0 2C 42V Opt G1  
 FWHM / FWTM 59.0° / 92.0°  
 Efficiency 87 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 2  
 Light colour White  
 Required components:  
 F17465\_DAISSY-MINI-SHD-WHT-MATT



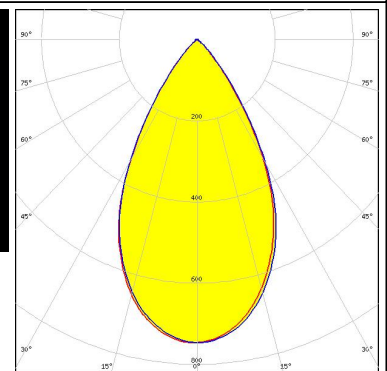
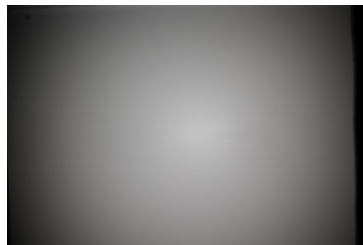
#### MST *Your solutions*

LED LinLED 280x20mm 1100lm 8x0 2C 42V Opt G1  
 FWHM / FWTM 62.0° / 92.0°  
 Efficiency 86 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 2  
 Light colour White  
 Required components:  
 F17666\_DAISSY-MINI-SHD-MET



#### MST *Your solutions*

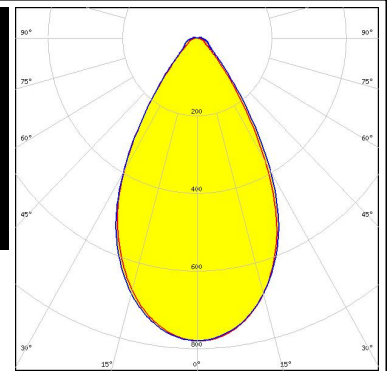
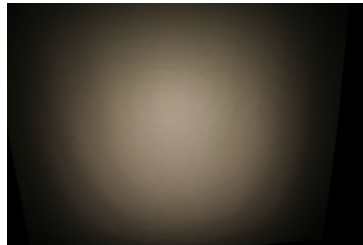
LED LinLED 280x20mm 1100lm 8x0 2C 42V Opt G1  
 FWHM / FWTM 58.0° / 85.0°  
 Efficiency 69 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 2  
 Light colour White  
 Required components:  
 F17028\_DAISSY-MINI-SHD



### OPTICAL RESULTS (MEASURED):

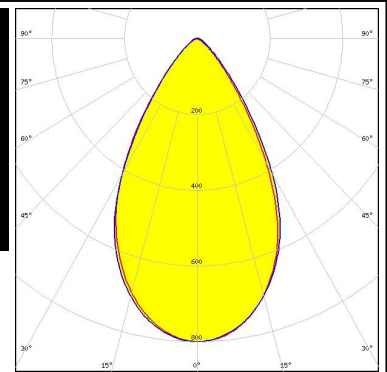
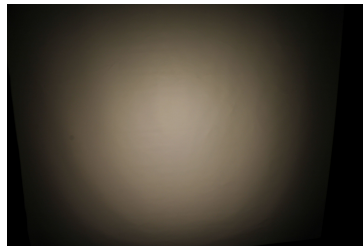
#### MST *Your solutions*

LED LinLED 280x20mm 1100lm 8x0 2C 42V Opt G1  
 FWHM / FWTM 60.0° / 92.0°  
 Efficiency 87 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 2  
 Light colour White  
 Required components:  
 F17033\_DAISSY-MINI-SHD-WHT



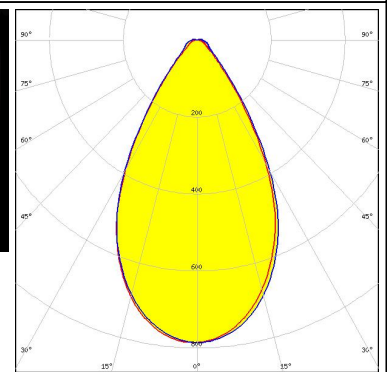
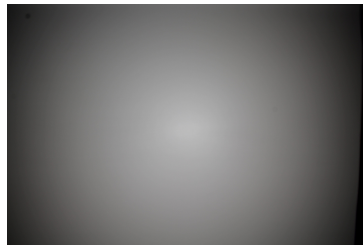
#### MST *Your solutions*

LED LinLED 280x20mm 1100lm 8x0 2C 42V Opt G1  
 FWHM / FWTM 60.0° / 93.0°  
 Efficiency 85 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 2  
 Light colour White  
 Required components:  
 F17667\_DAISSY-MINI-SHD-MET-MATT



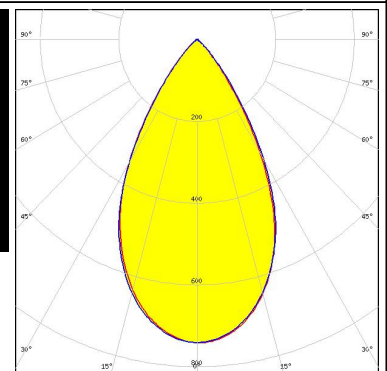
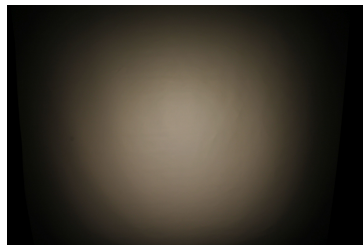
#### MST *Your solutions*

LED LinLED 280x20mm 1100lm 8x0 2C 42V Opt G1  
 FWHM / FWTM 60.0° / 92.0°  
 Efficiency 88 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 2  
 Light colour White  
 Required components:  
 F17033\_DAISSY-MINI-SHD-WHT



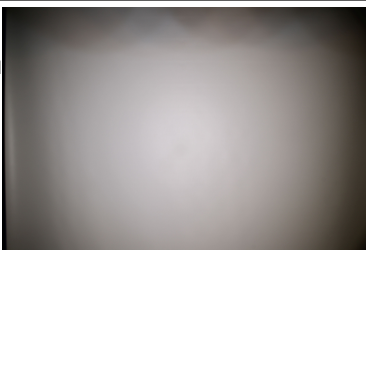
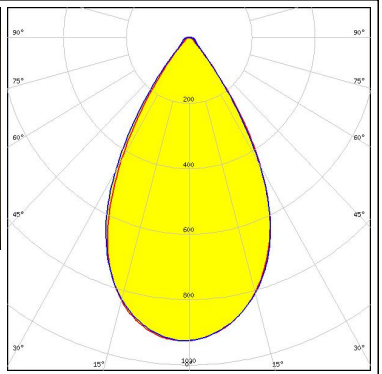

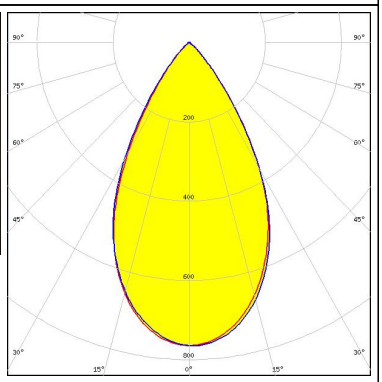

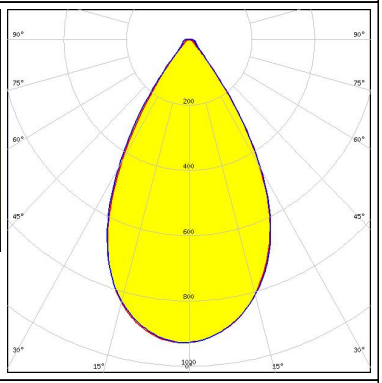

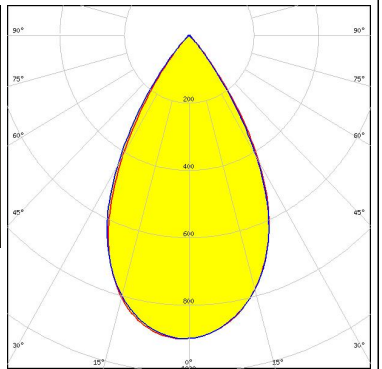
#### MST *Your solutions*

LED LinLED 280x20mm 1100lm 8x0 2C 42V Opt G1  
 FWHM / FWTM 58.0° / 85.0°  
 Efficiency 68 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 2  
 Light colour White  
 Required components:  
 F17034\_DAISSY-MINI-SHD-MATT

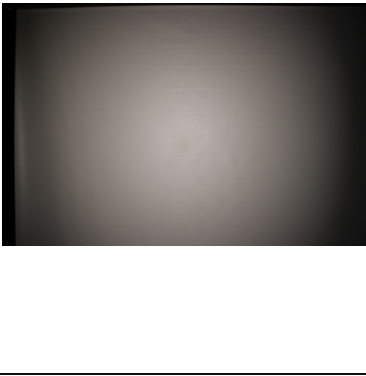
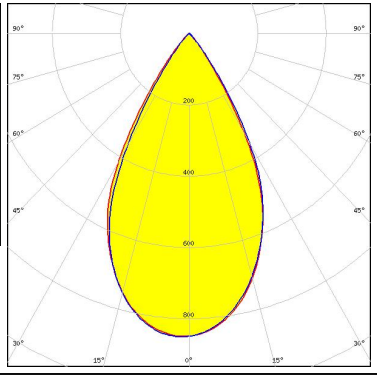
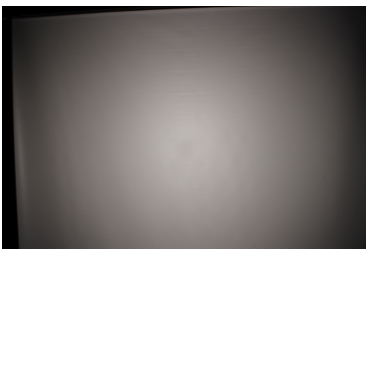
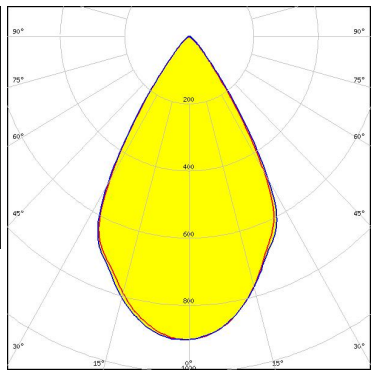

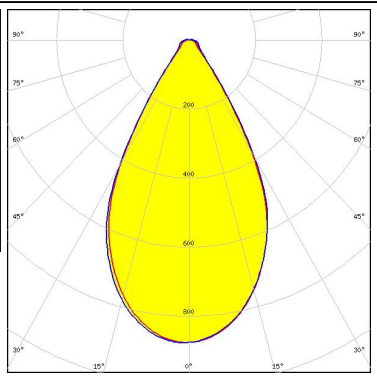
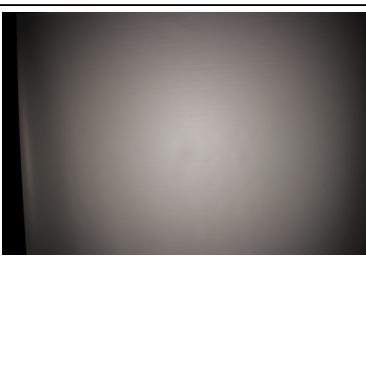
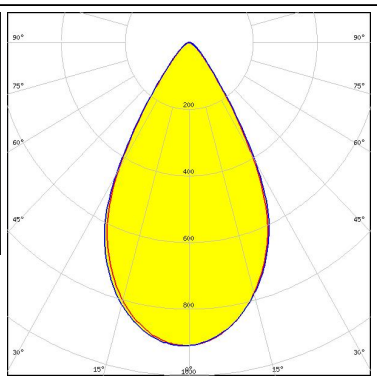





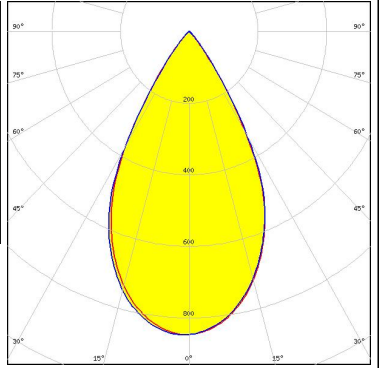

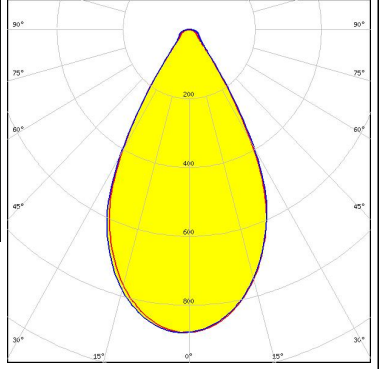
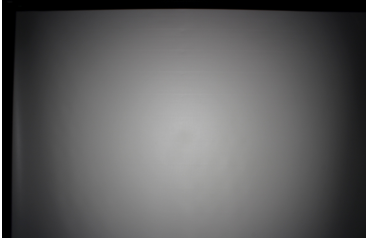
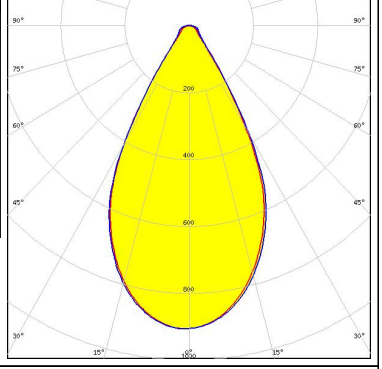

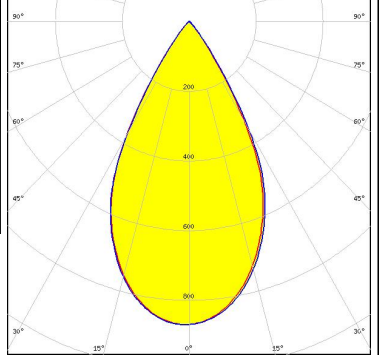
### OPTICAL RESULTS (MEASURED):

<p><b>MST</b> <i>Your solutions</i></p> <p>LED LinLED 280x20mm 2x550lm 827-865 2x2C 42V DAISY-MINI-W-D</p> <p>FWHM / FWTM 59.0° / 84.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 0.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour Tunable White</p> <p>Required components: F17465_DAISY-MINI-SHD-WHT-MATT</p>		
<p><b>MST</b> <i>Your solutions</i></p> <p>LED LinLED 280x20mm 2x550lm 827-865 2x2C 42V DAISY-MINI-W-D</p> <p>FWHM / FWTM 58.0° / 85.0°</p> <p>Efficiency 70 %</p> <p>Peak intensity 0.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour Tunable White</p> <p>Required components: F17028_DAISY-MINI-SHD</p>		
<p><b>MST</b> <i>Your solutions</i></p> <p>LED LinLED 280x20mm 2x550lm 827-865 2x2C 42V DAISY-MINI-W-D</p> <p>FWHM / FWTM 59.0° / 83.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 0.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour Tunable White</p> <p>Required components: F17033_DAISY-MINI-SHD-WHT</p>		
<p><b>MST</b> <i>Your solutions</i></p> <p>LED LinLED 280x20mm 2x550lm 827-865 2x2C 42V DAISY-MINI-W-D</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 1</p> <p>Light colour Tunable White</p> <p>Required components: F17034_DAISY-MINI-SHD-MATT</p>		


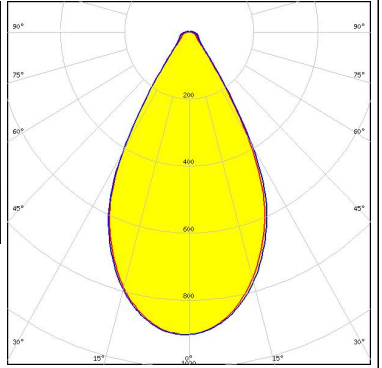
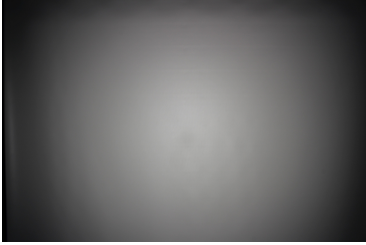
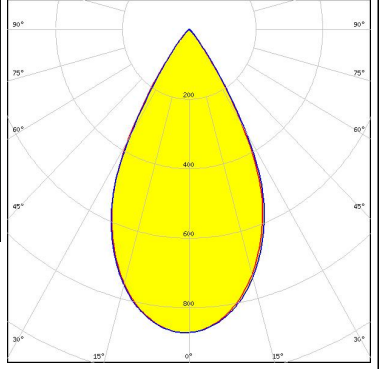
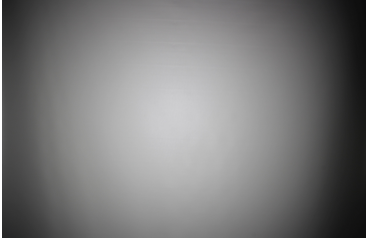
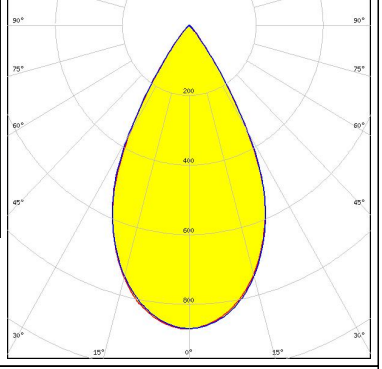
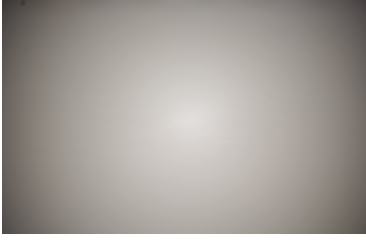
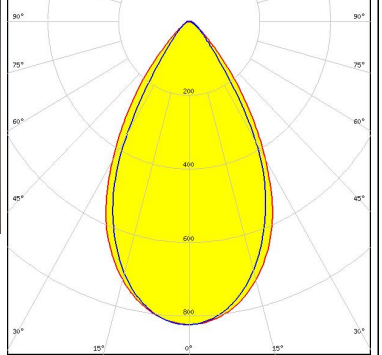
### OPTICAL RESULTS (MEASURED):

<p><b>NICHIA</b></p> <p>LED NF2W757G-MT (Tunable White)            FWHM / FWTM 57.0° / 78.0°            Efficiency 72 %            Peak intensity 0.9 cd/lm            LEDs/each optic 1            Light colour Tunable White            Required components:            F17028_DAISSY-MINI-SHD</p>		
<p><b>NICHIA</b></p> <p>LED NF2W757G-MT (Tunable White)            FWHM / FWTM 62.0° / 83.0°            Efficiency 89 %            Peak intensity 0.9 cd/lm            LEDs/each optic 1            Light colour Tunable White            Required components:            F17666_DAISSY-MINI-SHD-MET</p>		
<p><b>NICHIA</b></p> <p>LED NF2W757G-MT (Tunable White)            FWHM / FWTM 58.0° / 81.0°            Efficiency 89 %            Peak intensity 0.9 cd/lm            LEDs/each optic 1            Light colour Tunable White            Required components:            F17033_DAISSY-MINI-SHD-WHT</p>		
<p><b>NICHIA</b></p> <p>LED NF2W757G-MT (Tunable White)            FWHM / FWTM 59.0° / 84.0°            Efficiency 88 %            Peak intensity 0.9 cd/lm            LEDs/each optic 1            Light colour Tunable White            Required components:            F17667_DAISSY-MINI-SHD-MET-MATT</p>		

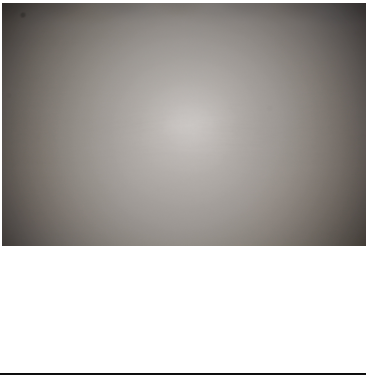
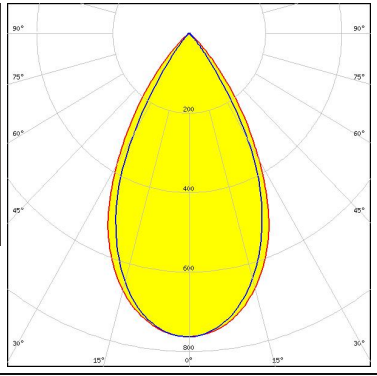

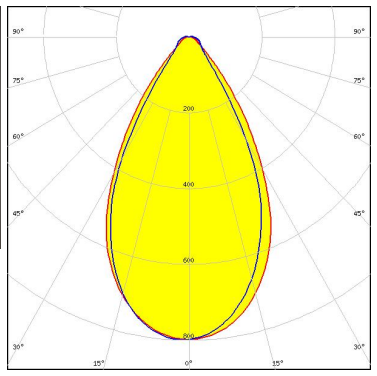

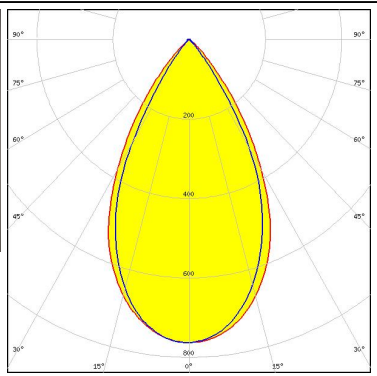
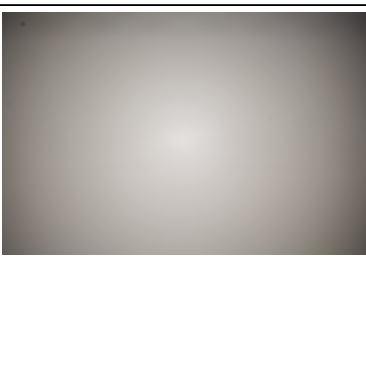
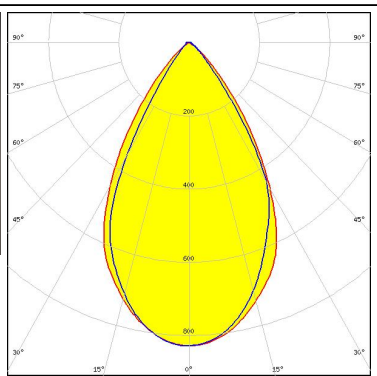
### OPTICAL RESULTS (MEASURED):

<p><b>NICHIA</b></p> <p>LED NF2W757G-MT (Tunable White)</p> <p>FWHM / FWTM 57.0° / 78.0°</p> <p>Efficiency 72 %</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>		
<p><b>NICHIA</b></p> <p>LED NF2W757G-MT (Tunable White)</p> <p>FWHM / FWTM 58.0° / 82.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 0.9 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 NFSx757G</p> <p>FWHM / FWTM 57.0° / 80.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 0.9 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>NICHIA</b></p> <p>LED NFSx757G</p> <p>FWHM / FWTM 56.0° / 76.0°</p> <p>Efficiency 72 %</p> <p>Peak intensity 0.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: F17028_DAISSY-MINI-SHD</p>		


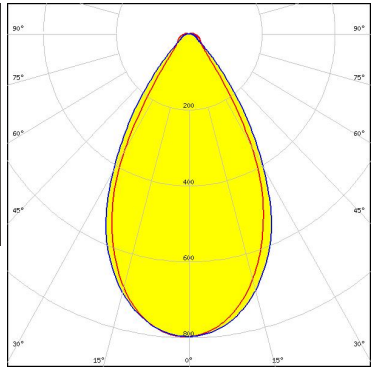

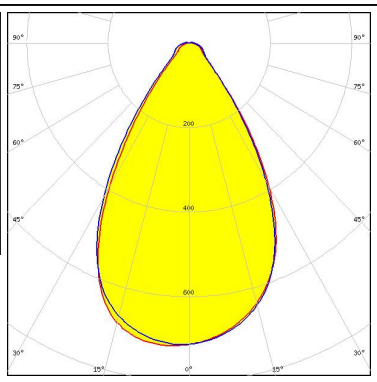

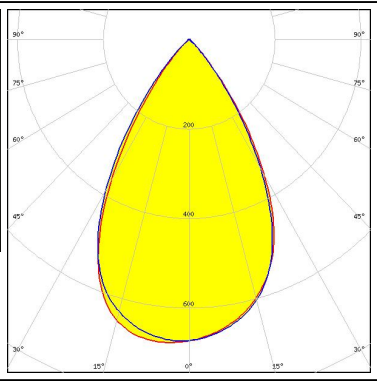

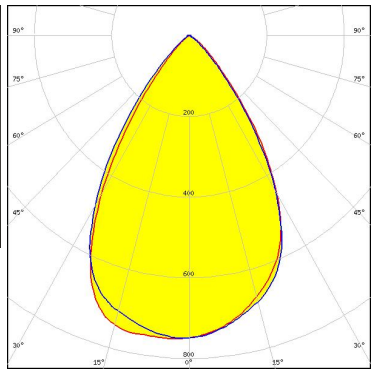
### OPTICAL RESULTS (MEASURED):

<p><b>NICHIA</b></p> <p>LED NFSx757G            FWHM / FWTM 57.0° / 81.0°            Efficiency 90 %            Peak intensity 0.9 cd/m            LEDs/each optic 1            Light colour White            Required components:            F17033_DAISSY-MINI-SHD-WHT</p>		
<p><b>NICHIA</b></p> <p>LED NFSx757G            FWHM / FWTM 56.0° / 76.0°            Efficiency 72 %            Peak intensity 0.9 cd/m            LEDs/each optic 1            Light colour White            Required components:            F17034_DAISSY-MINI-SHD-MATT</p>		
<p><b>SAMSUNG</b></p> <p>LED LM28xB Series            FWHM / FWTM 56.0° / 76.0°            Efficiency 72 %            Peak intensity 0.9 cd/m            LEDs/each optic 1            Light colour White            Required components:            F17034_DAISSY-MINI-SHD-MATT</p>		
<p><b>TEPCOMP group</b></p> <p>LED PassivePAQ-L-1F20-SA2-1K-827-1.1K-865-3-TW            FWHM / FWTM 62.0 + 57.0° / 95.0 + 85.0°            Efficiency 84 %            Peak intensity 0.8 cd/m            LEDs/each optic 2            Light colour Tunable White            Required components:            F17667_DAISSY-MINI-SHD-MET-MATT</p>		


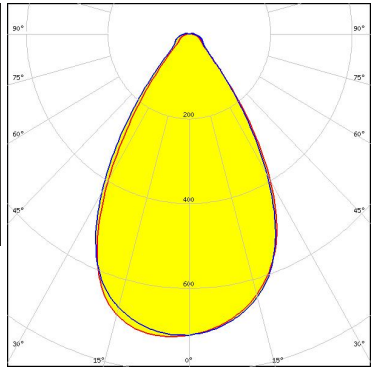

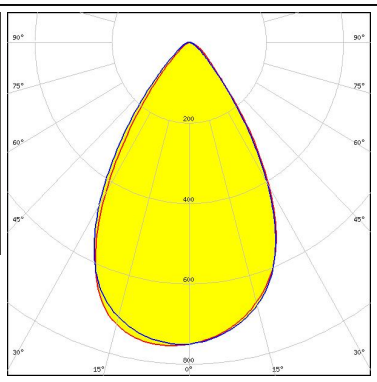

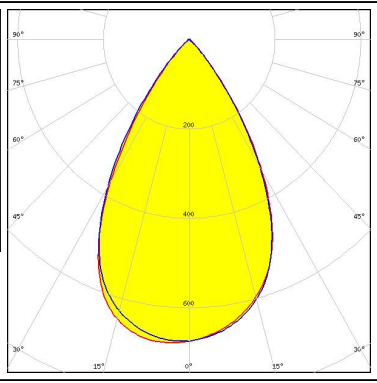

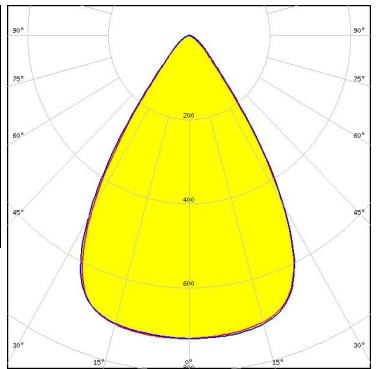
### OPTICAL RESULTS (MEASURED):

<p><b>TEPCOMP group</b></p> <p>LED                    PassivePAQ-L-1F20-SA2-1K-827-1.1K-865-3-TW</p> <p>FWHM / FWTM       59.0 + 55.0° / 88.0 + 77.0°</p> <p>Efficiency            68 %</p> <p>Peak intensity       0.8 cd/m</p> <p>LEDs/each optic    1</p> <p>Light colour         Tunable White</p> <p>Required components:</p> <p>    F17034_DAISSY-MINI-SHD-MATT</p>		
<p><b>TEPCOMP group</b></p> <p>LED                    PassivePAQ-L-1F20-SA2-1K-827-1.1K-865-3-TW</p> <p>FWHM / FWTM       61.0 + 57.0° / 94.0 + 84.0°</p> <p>Efficiency            86 %</p> <p>Peak intensity       0.8 cd/m</p> <p>LEDs/each optic    1</p> <p>Light colour         Tunable White</p> <p>Required components:</p> <p>    F17465_DAISSY-MINI-SHD-WHT-MATT</p>		
<p><b>TEPCOMP group</b></p> <p>LED                    PassivePAQ-L-1F20-SA2-1K-827-1.1K-865-3-TW</p> <p>FWHM / FWTM       60.0 + 55.0° / 89.0 + 77.0°</p> <p>Efficiency            69 %</p> <p>Peak intensity       0.8 cd/m</p> <p>LEDs/each optic    1</p> <p>Light colour         Tunable White</p> <p>Required components:</p> <p>    F17028_DAISSY-MINI-SHD</p>		
<p><b>TEPCOMP group</b></p> <p>LED                    PassivePAQ-L-1F20-SA2-1K-827-1.1K-865-3-TW</p> <p>FWHM / FWTM       63.0 + 60.0° / 94.0 + 84.0°</p> <p>Efficiency            85 %</p> <p>Peak intensity       0.8 cd/m</p> <p>LEDs/each optic    2</p> <p>Light colour         Tunable White</p> <p>Required components:</p> <p>    F17666_DAISSY-MINI-SHD-MET</p>		


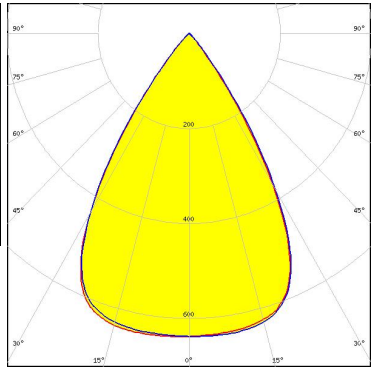

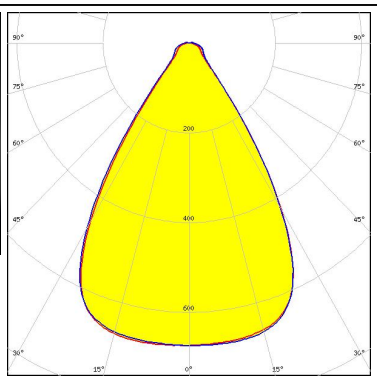

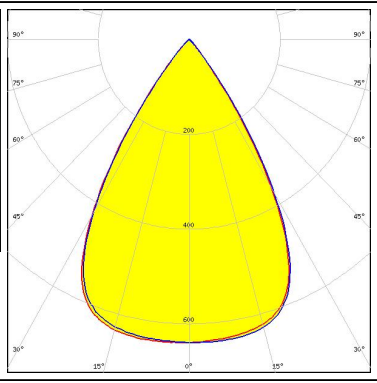

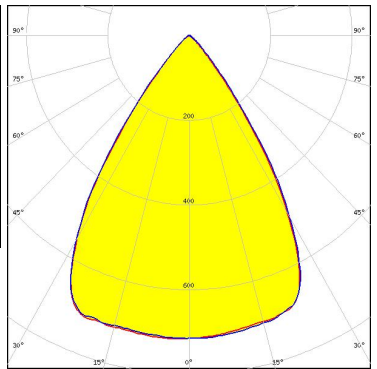
### OPTICAL RESULTS (MEASURED):

<p><b>TEPCOMP group</b></p> <p>LED                    PassivePAQ-L-1F20-SA2-1K-827-1.1K-865-3-TW</p> <p>FWHM / FWTM        57.0 + 61.0° / 83.0 + 94.0°</p> <p>Efficiency            86 %</p> <p>Peak intensity        0.8 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>TEPCOMP group</b></p> <p>LED                    PassivePAQ-L-1F20-SA2-2.4K-840-4</p> <p>FWHM / FWTM        63.0 + 64.0° / 91.0 + 94.0°</p> <p>Efficiency            88 %</p> <p>Peak intensity        0.7 cd/m</p> <p>LEDs/each optic     2</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-SA2-2.4K-840-4</p> <p>FWHM / FWTM        61.0 + 62.0° / 85.0 + 86.0°</p> <p>Efficiency            69 %</p> <p>Peak intensity        0.7 cd/m</p> <p>LEDs/each optic     2</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-SA2-2.4K-840-4</p> <p>FWHM / FWTM        65.0 + 67.0° / 93.0 + 94.0°</p> <p>Efficiency            88 %</p> <p>Peak intensity        0.8 cd/m</p> <p>LEDs/each optic     2</p> <p>Light colour         White</p> <p>Required components: F17666_DAISSY-MINI-SHD-MET</p>		

### OPTICAL RESULTS (MEASURED):


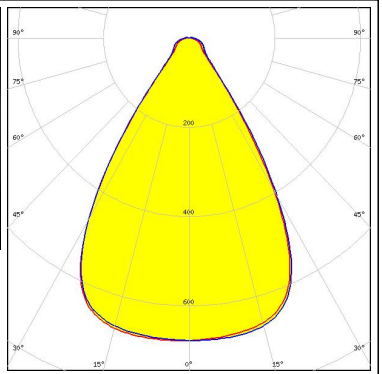
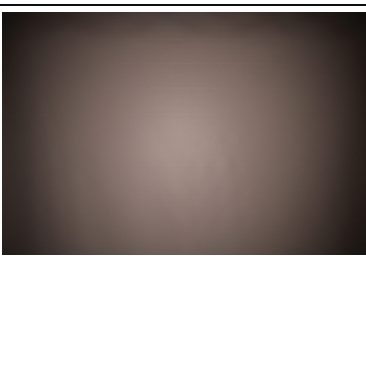
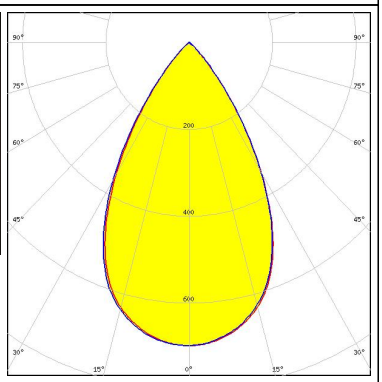

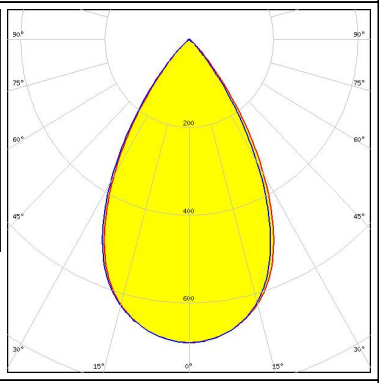

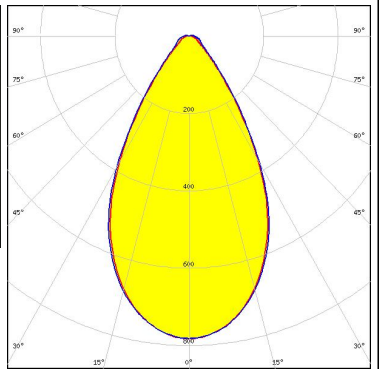
<p><b>TEPCOMP group</b></p> <p>LED                    PassivePAQ-L-1F20-SA2-2.4K-840-4</p> <p>FWHM / FWTM        63.0 + 64.0° / 91.0 + 95.0°</p> <p>Efficiency             89 %</p> <p>Peak intensity        0.7 cd/m</p> <p>LEDs/each optic     2</p> <p>Light colour          White</p> <p>Required components:</p> <p>    F17033_DAISSY-MINI-SHD-WHT</p>		
<p><b>TEPCOMP group</b></p> <p>LED                    PassivePAQ-L-1F20-SA2-2.4K-840-4</p> <p>FWHM / FWTM        63.0 + 64.0° / 94.0 + 95.0°</p> <p>Efficiency             87 %</p> <p>Peak intensity        0.8 cd/m</p> <p>LEDs/each optic     2</p> <p>Light colour          White</p> <p>Required components:</p> <p>    F17667_DAISSY-MINI-SHD-MET-MATT</p>		
<p><b>TEPCOMP group</b></p> <p>LED                    PassivePAQ-L-1F20-SA2-2.4K-840-4</p> <p>FWHM / FWTM        61.0 + 62.0° / 85.0 + 86.0°</p> <p>Efficiency             68 %</p> <p>Peak intensity        0.7 cd/m</p> <p>LEDs/each optic     2</p> <p>Light colour          White</p> <p>Required components:</p> <p>    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        66.0° / 90.0°</p> <p>Efficiency             90 %</p> <p>Peak intensity        0.7 cd/m</p> <p>LEDs/each optic     1</p> <p>Light colour          White</p> <p>Required components:</p> <p>    F17667_DAISSY-MINI-SHD-MET-MATT</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        65.0° / 81.0°</p> <p>Efficiency             71 %</p> <p>Peak intensity        0.6 cd/m</p> <p>LEDs/each optic     1</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-SA3-1.3K-840-3-M2</p> <p>FWHM / FWTM        66.0° / 87.0°</p> <p>Efficiency             90 %</p> <p>Peak intensity        0.7 cd/m</p> <p>LEDs/each optic     1</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-SA3-1.3K-840-3-M2</p> <p>FWHM / FWTM        64.0° / 81.0°</p> <p>Efficiency             71 %</p> <p>Peak intensity        0.6 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>TEPCOMP</b> group</p> <p>LED                    PassivePAQ-L-1F20-SA3-1.3K-840-3-M2</p> <p>FWHM / FWTM        69.0° / 87.0°</p> <p>Efficiency             91 %</p> <p>Peak intensity        0.7 cd/m</p> <p>LEDs/each optic     1</p> <p>Light colour          White</p> <p>Required components: F17666_DAISSY-MINI-SHD-MET</p>		



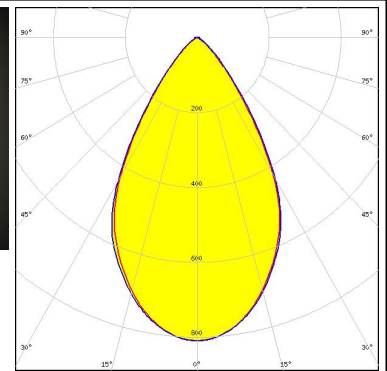
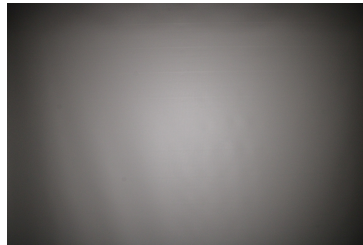
### OPTICAL RESULTS (MEASURED):

<p><b>TEPCOMP</b> group</p> <p>LED                    PassivePAQ-L-1F20-SA3-1.3K-840-3-M2            FWHM / FWTM      65.0° / 87.0°            Efficiency            90 %            Peak intensity      0.7 cd/lm            LEDs/each optic    1            Light colour        White            Required components:                                     F17465_DAISSY-MINI-SHD-WHT-MATT</p>		
<p><b>TRIDONIC</b></p> <p>LED                    LLE 20x280mm 750lm 827-865 LV MD ADV1            FWHM / FWTM      60.0° / 86.0°            Efficiency            69 %            Peak intensity      0.7 cd/lm            LEDs/each optic    2            Light colour        Tunable White            Required components:                                     F17028_DAISSY-MINI-SHD</p>		
<p><b>TRIDONIC</b></p> <p>LED                    LLE 20x280mm 750lm 840 LV MD ADV1            FWHM / FWTM      61.0° / 86.0°            Efficiency            69 %            Peak intensity      0.7 cd/lm            LEDs/each optic    2            Light colour        White            Required components:                                     F17028_DAISSY-MINI-SHD</p>		
<p><b>TRIDONIC</b></p> <p>LED                    LLE 20x280mm 750lm 840 LV MD ADV1            FWHM / FWTM      59.0° / 92.0°            Efficiency            86 %            Peak intensity      0.8 cd/lm            LEDs/each optic    2            Light colour        White            Required components:                                     F17465_DAISSY-MINI-SHD-WHT-MATT</p>		

### OPTICAL RESULTS (MEASURED):

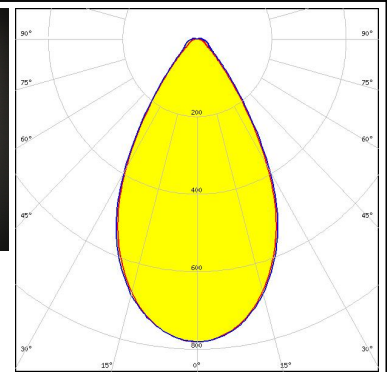
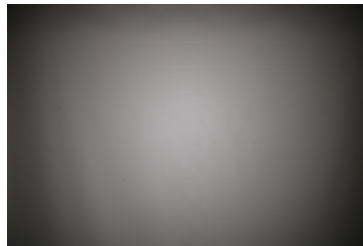
#### TRIDONIC

LED LLE 20x280mm 750lm 840 LV MD ADV1  
 FWHM / FWTM 62.0° / 92.0°  
 Efficiency 86 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 2  
 Light colour White  
 Required components:  
 F17666\_DAISSY-MINI-SHD-MET



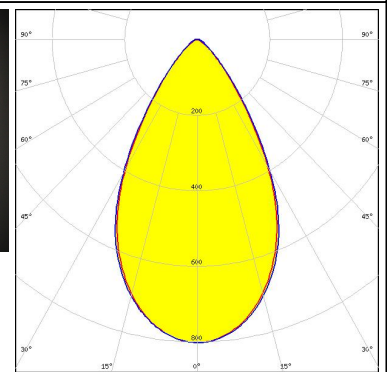
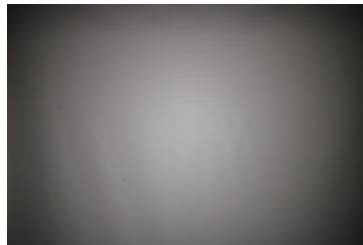
#### TRIDONIC

LED LLE 20x280mm 750lm 840 LV MD ADV1  
 FWHM / FWTM 60.0° / 93.0°  
 Efficiency 88 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 2  
 Light colour White  
 Required components:  
 F17033\_DAISSY-MINI-SHD-WHT



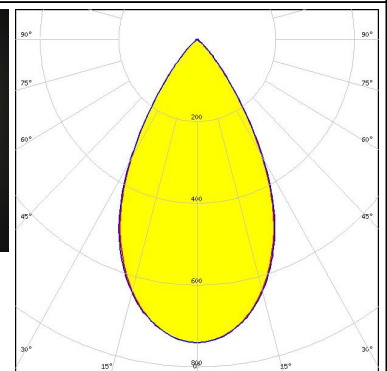
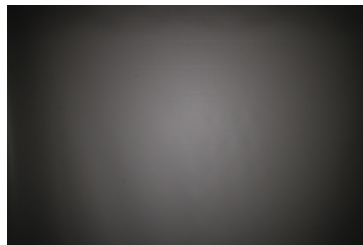
#### TRIDONIC

LED LLE 20x280mm 750lm 840 LV MD ADV1  
 FWHM / FWTM 60.0° / 93.0°  
 Efficiency 85 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 2  
 Light colour White  
 Required components:  
 F17667\_DAISSY-MINI-SHD-MET-MATT



#### TRIDONIC

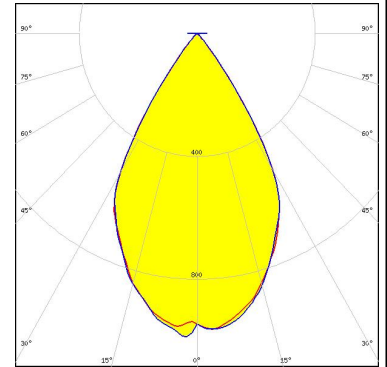
LED LLE 20x280mm 750lm 840 LV MD ADV1  
 FWHM / FWTM 58.0° / 85.0°  
 Efficiency 68 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 2  
 Light colour White  
 Required components:  
 F17034\_DAISSY-MINI-SHD-MATT



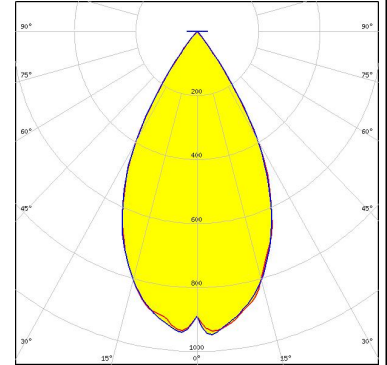
### OPTICAL RESULTS (SIMULATED):



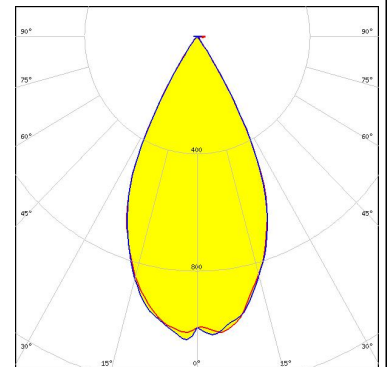
LED XQ-E HI  
 FWHM / FWTM 62.0° / 78.0°  
 Efficiency 87 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17666\_DAISY-MINI-SHD-MET



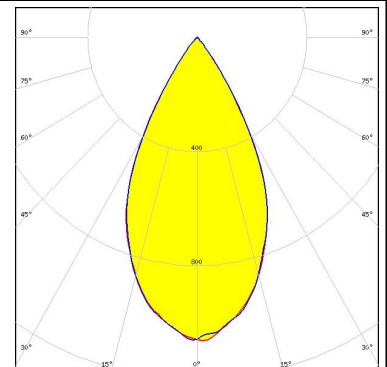
LED XQ-E HI  
 FWHM / FWTM 56.0° / 76.0°  
 Efficiency 75 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17034\_DAISY-MINI-SHD-MATT



LED LUXEON HL1Z  
 FWHM / FWTM 52.0° / 68.0°  
 Efficiency 70 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17028\_DAISY-MINI-SHD



LED NFSWE11A  
 FWHM / FWTM 54.0° / 74.0°  
 Efficiency 77 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 4  
 Light colour White  
 Required components:  
 F17028\_DAISY-MINI-SHD

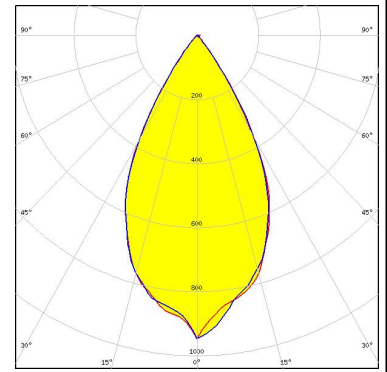


### OPTICAL RESULTS (SIMULATED):

#### OSRAM

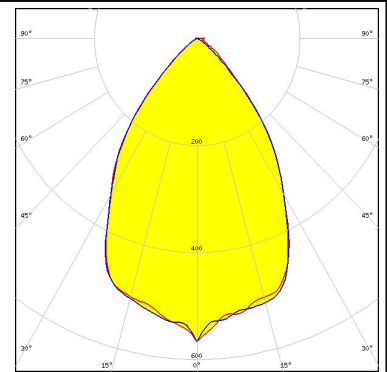
Opto Semiconductors

LED Duris E 2835  
 FWHM / FWTM 55.0° / 76.0°  
 Efficiency 72 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 F17034\_DAISSY-MINI-SHD-MATT



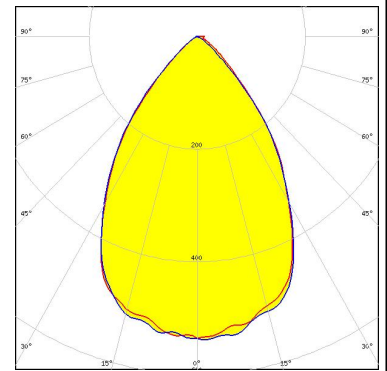
#### SAMSUNG

LED LM28xB Series  
 FWHM / FWTM 68.0° / 101.0°  
 Efficiency 72 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 2  
 Light colour White  
 Required components:  
 F17666\_DAISSY-MINI-SHD-MET



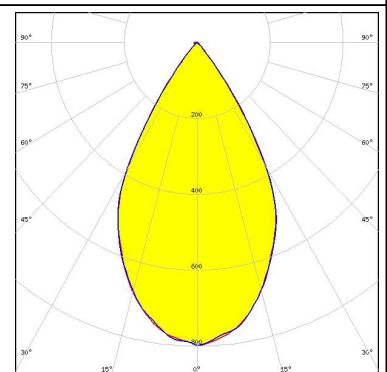
#### SAMSUNG

LED LM28xB Series  
 FWHM / FWTM 70.0° / 102.0°  
 Efficiency 72 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 2  
 Light colour White  
 Required components:  
 F17667\_DAISSY-MINI-SHD-MET-MATT



SEOUL SEMICONDUCTOR

LED SEOUL 3030  
 FWHM / FWTM 58.0° / 78.0°  
 Efficiency 68 %  
 Peak intensity 0.8 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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