

## DAISY-7X1-W2-D

~50° wide beam with tighter cutoff. Variant with diffused lenses.

### SPECIFICATION:

Dimensions	x mm
Height	0 mm
Fastening	pin, screw, clips
ROHS compliant	yes ⓘ

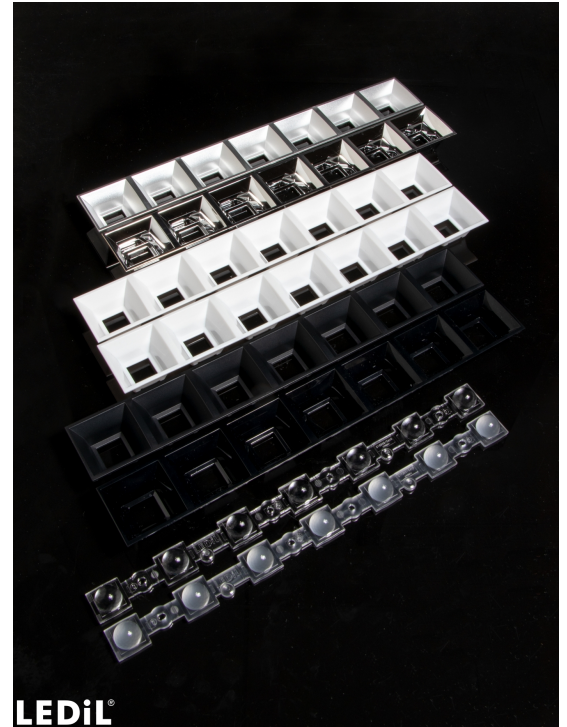
### MATERIALS:

Component	Type	Material	Colour	Finish
C17363_DAISY-7X1-W2-D	Linear lens	PMMA	milky	
C18409_DAISY-7X1-SHD-MET-MATT	Shade	PC	metal	matt
C18167_DAISY-7X1-SHD-MET	Shade	PC	metal	gloss
C17225_DAISY-7X1-SHD-WHT-MATT	Shade	PC	white	matt
C17051_DAISY-7X1-SHD-MATT	Shade	PC	black	matt
C16876_DAISY-7X1-SHD-WHT	Shade	PC	white	gloss
C16872_DAISY-7X1-SHD	Shade	PC	black	gloss

### ORDERING INFORMATION:

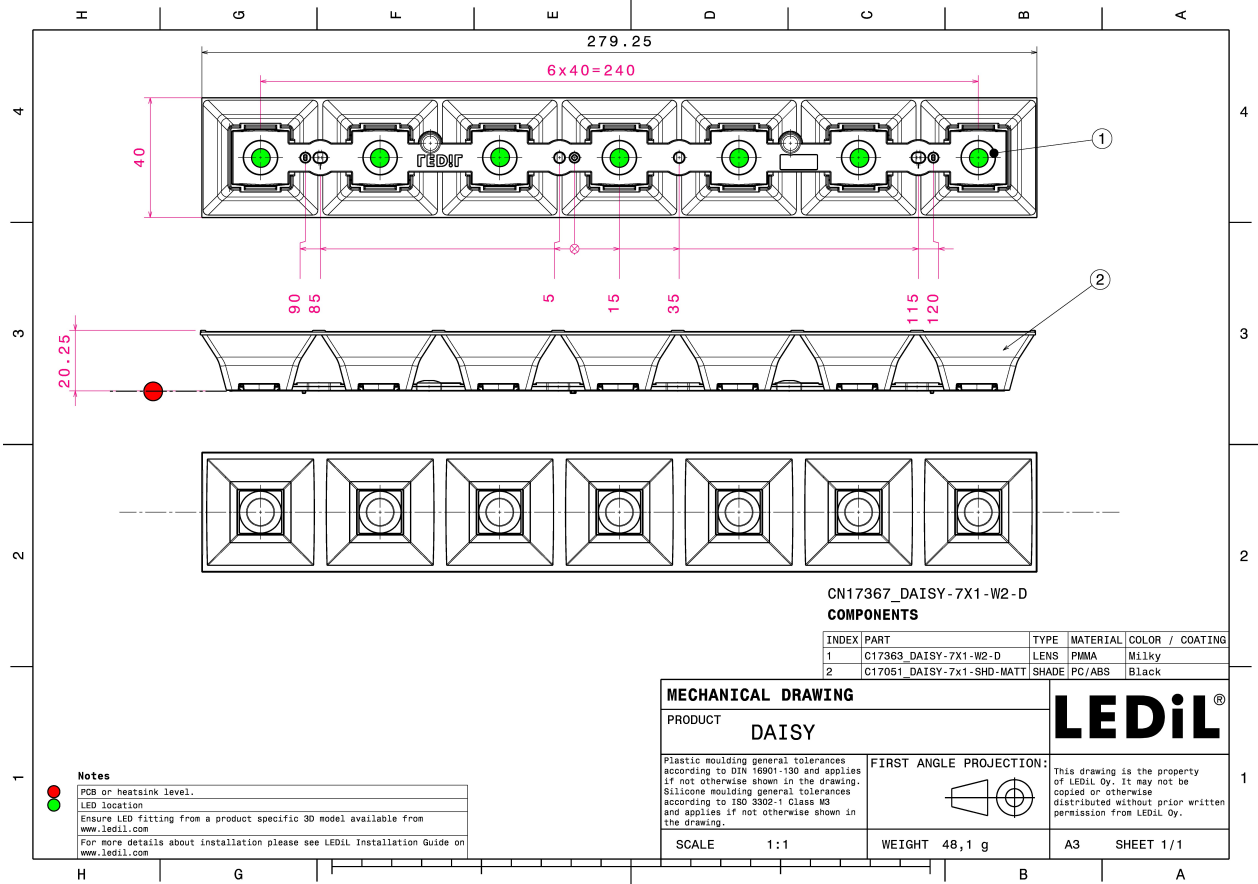
#### Quantities for one set:

Linear lens	1
Shade	1



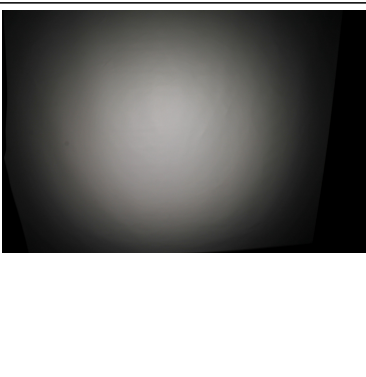
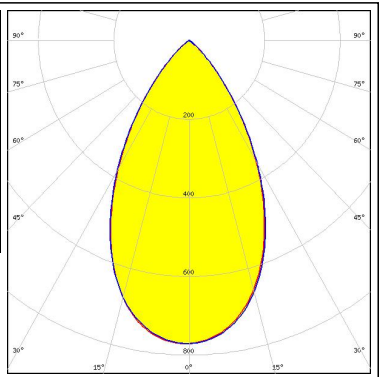
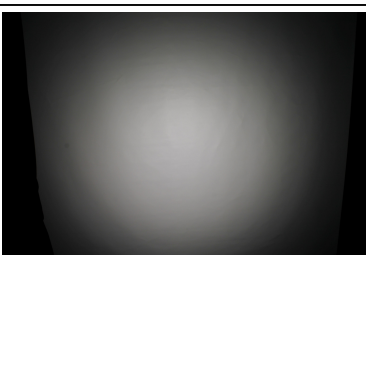
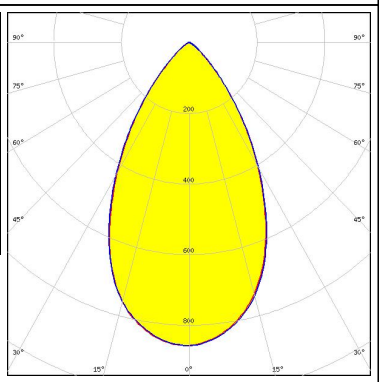
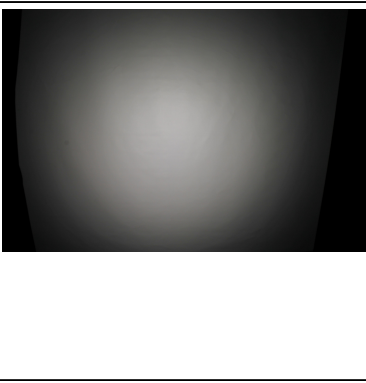
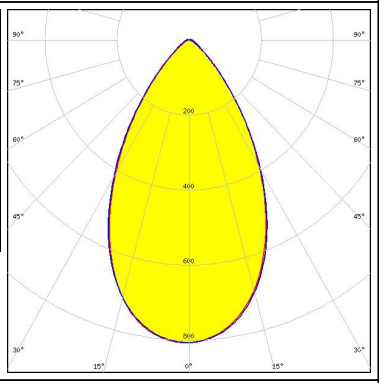
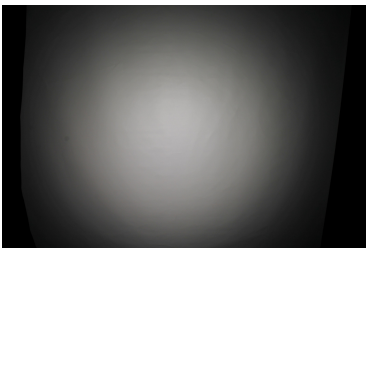
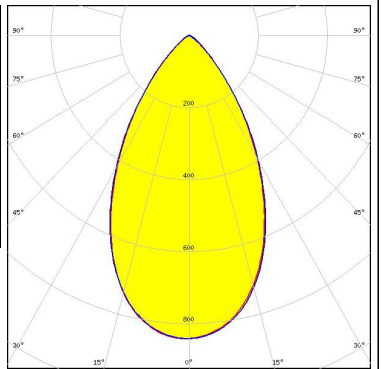
Component		Qty in box	MOQ	MPQ	Box weight (kg)
C17363_DAISY-7X1-W2-D	Linear lens	312	192	24	7.0
» Box size: 400 x 300 x 300 mm					
C18409_DAISY-7X1-SHD-MET-MATT	Shade	156	192	24	7.0
» Box size: 595 x 360 x 230 mm					
C17225_DAISY-7X1-SHD-WHT-MATT	Shade	156	192	24	7.6
» Box size: 595 x 360 x 230 mm					
C16872_DAISY-7X1-SHD	Shade	156	192	24	7.1
» Box size: 595 x 360 x 230 mm					
C16876_DAISY-7X1-SHD-WHT	Shade	156	192	24	7.6
» Box size: 595 x 360 x 230 mm					
C18167_DAISY-7X1-SHD-MET	Shade	156	192	24	7.0
» Box size: 595 x 360 x 230 mm					
C17051_DAISY-7X1-SHD-MATT	Shade	156	192	24	7.3
» Box size: 595 x 360 x 230 mm					




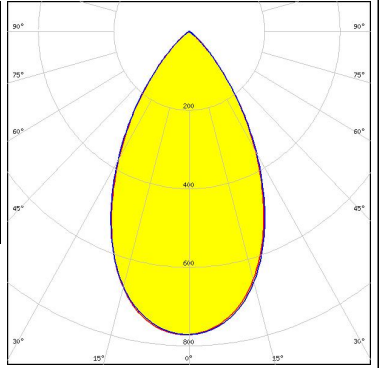

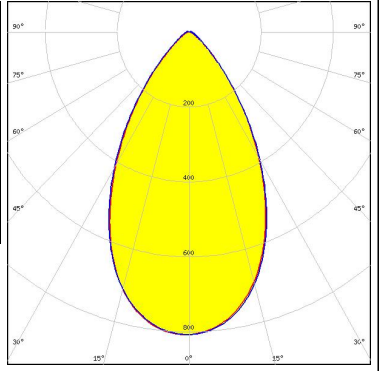
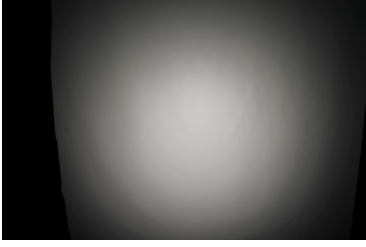
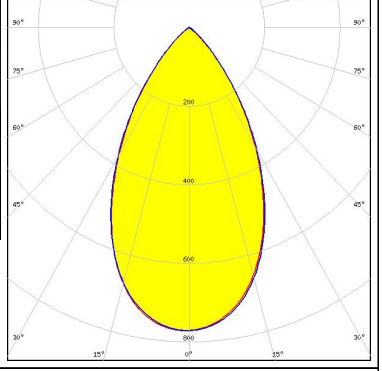
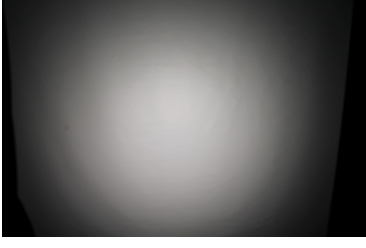
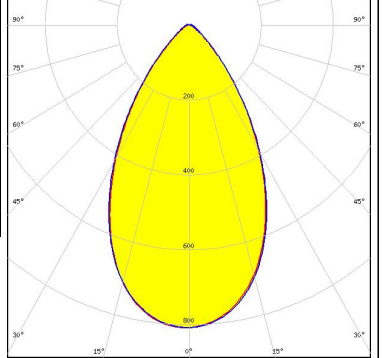


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):

<p><b>AUDAX</b> ELECTRONICS</p> <p>LED LIGHT ENGINE DAISY 28 LEDs 277.5mm x 20mm            FWHM / FWTM 58.5° / 91.0°            Efficiency 76 %            Peak intensity 0.8 cd/m            LEDs/each optic 4            Light colour White            Required components:            C16872_DAISSY-7X1-SHD</p>		
<p><b>AUDAX</b> ELECTRONICS</p> <p>LED LIGHT ENGINE DAISY 28 LEDs 277.5mm x 20mm            FWHM / FWTM 59.0° / 94.0°            Efficiency 88 %            Peak intensity 0.9 cd/m            LEDs/each optic 4            Light colour White            Required components:            C18167_DAISSY-7X1-SHD-MET</p>		
<p><b>AUDAX</b> ELECTRONICS</p> <p>LED LIGHT ENGINE DAISY 28 LEDs 277.5mm x 20mm            FWHM / FWTM 60.0° / 95.0°            Efficiency 88 %            Peak intensity 0.8 cd/m            LEDs/each optic 4            Light colour White            Required components:            C16876_DAISSY-7X1-SHD-WHT</p>		
<p><b>AUDAX</b> ELECTRONICS</p> <p>LED LIGHT ENGINE DAISY 28 LEDs 277.5mm x 20mm            FWHM / FWTM 59.0° / 94.0°            Efficiency 86 %            Peak intensity 0.8 cd/m            LEDs/each optic 4            Light colour White            Required components:            C17533_DAISSY-7X1-SHD-MET-MATT</p>		

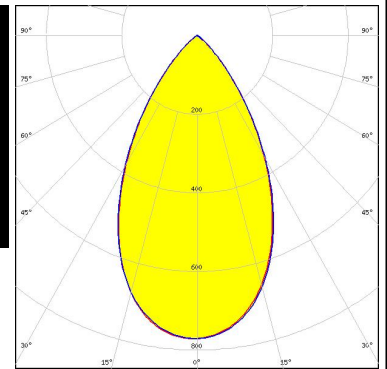
### OPTICAL RESULTS (MEASURED):

<p><b>AUDAX ELECTRONICS</b></p> <p>LED LIGHT ENGINE DAISY 28 LEDs 277.5mm x 20mm</p> <p>FWHM / FWTM 58.0° / 91.0°</p> <p>Efficiency 75 %</p> <p>Peak intensity 0.8 cd/m</p> <p>LEDs/each optic 4</p> <p>Light colour White</p> <p>Required components: C17051_DAISY-7X1-SHD-MATT</p>		
<p><b>AUDAX ELECTRONICS</b></p> <p>LED LIGHT ENGINE DAISY 28 LEDs 277.5mm x 20mm</p> <p>FWHM / FWTM 60.0° / 95.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 0.8 cd/m</p> <p>LEDs/each optic 4</p> <p>Light colour White</p> <p>Required components: C17225_DAISY-7X1-SHD-WHT-MATT</p>		
<p><b>LUMILEDS</b></p> <p>LED LUXEON 2835 Line</p> <p>FWHM / FWTM 58.0° / 91.0°</p> <p>Efficiency 75 %</p> <p>Peak intensity 0.8 cd/m</p> <p>LEDs/each optic 4</p> <p>Light colour White</p> <p>Required components: C17051_DAISY-7X1-SHD-MATT</p>		
<p><b>LUMILEDS</b></p> <p>LED LUXEON 2835 Line</p> <p>FWHM / FWTM 60.0° / 96.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 0.8 cd/m</p> <p>LEDs/each optic 4</p> <p>Light colour White</p> <p>Required components: C17225_DAISY-7X1-SHD-WHT-MATT</p>		

### OPTICAL RESULTS (MEASURED):

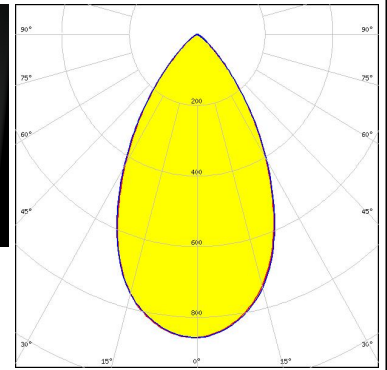
#### LUMILEDS

LED LUXEON 2835 Line  
 FWHM / FWTM 58.5° / 91.0°  
 Efficiency 76 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 4  
 Light colour White  
 Required components:  
 C16872\_DAISSY-7X1-SHD



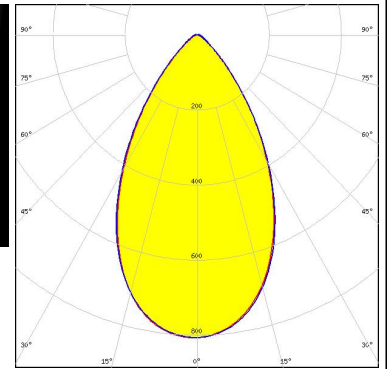
#### LUMILEDS

LED LUXEON 2835 Line  
 FWHM / FWTM 59.0° / 94.0°  
 Efficiency 88 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 4  
 Light colour White  
 Required components:  
 C17532\_DAISSY-7X1-SHD-MET



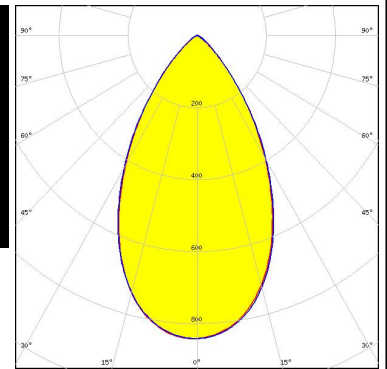
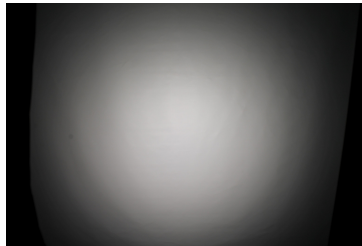
#### LUMILEDS

LED LUXEON 2835 Line  
 FWHM / FWTM 60.0° / 96.0°  
 Efficiency 88 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 4  
 Light colour White  
 Required components:  
 C16876\_DAISSY-7X1-SHD-WHT



#### LUMILEDS

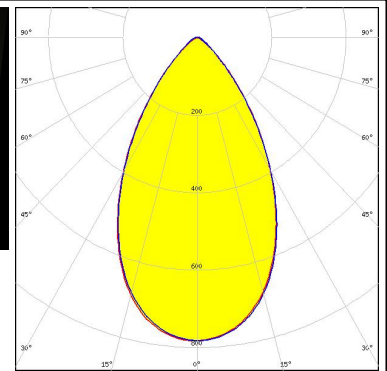
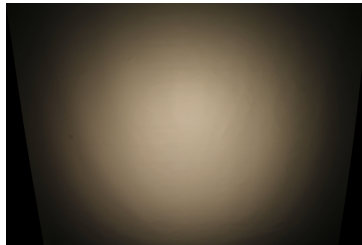
LED LUXEON 2835 Line  
 FWHM / FWTM 59.0° / 94.0°  
 Efficiency 86 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 4  
 Light colour White  
 Required components:  
 C17533\_DAISSY-7X1-SHD-MET-MATT



### OPTICAL RESULTS (MEASURED):

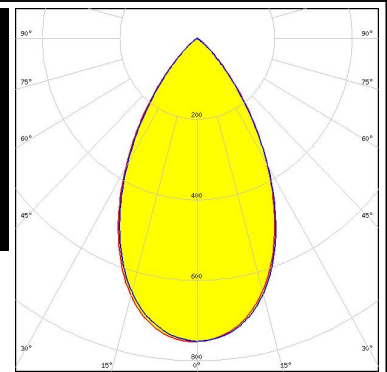
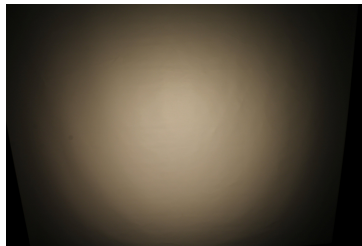
#### MST *Your solutions*

LED LinLED 280x28mm 1100lm 8x0 2C 42V Opt G1  
 FWHM / FWTM 60.0° / 97.0°  
 Efficiency 86 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 4  
 Light colour White  
 Required components:  
 C17225\_DAISSY-7X1-SHD-WHT-MATT



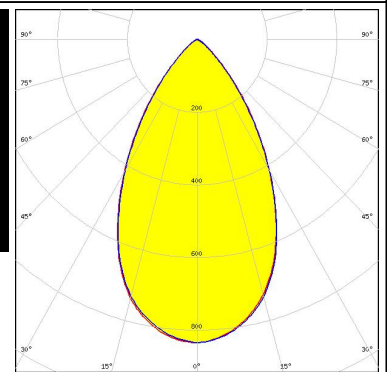
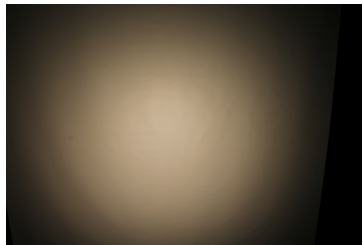
#### MST *Your solutions*

LED LinLED 280x28mm 1100lm 8x0 2C 42V Opt G1  
 FWHM / FWTM 59.0° / 92.0°  
 Efficiency 74 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 4  
 Light colour White  
 Required components:  
 C16872\_DAISSY-7X1-SHD



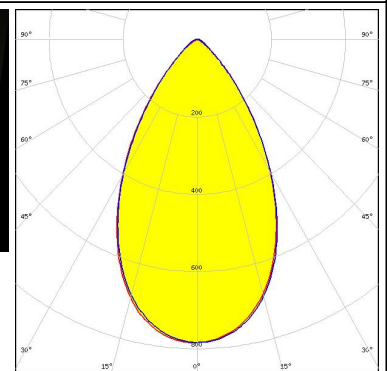
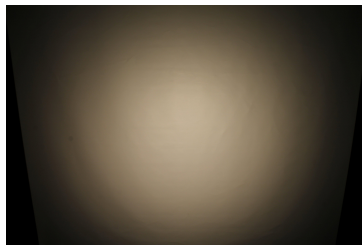
#### MST *Your solutions*

LED LinLED 280x28mm 1100lm 8x0 2C 42V Opt G1  
 FWHM / FWTM 60.0° / 94.0°  
 Efficiency 87 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 4  
 Light colour White  
 Required components:  
 C18167\_DAISSY-7X1-SHD-MET



#### MST *Your solutions*

LED LinLED 280x28mm 1100lm 8x0 2C 42V Opt G1  
 FWHM / FWTM 61.0° / 97.0°  
 Efficiency 87 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 4  
 Light colour White  
 Required components:  
 C16876\_DAISSY-7X1-SHD-WHT

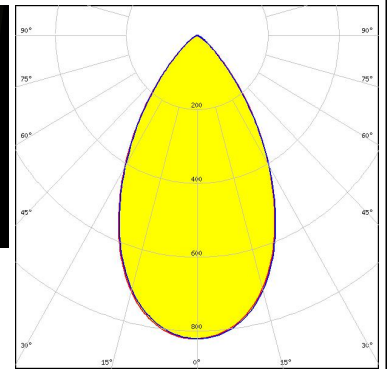
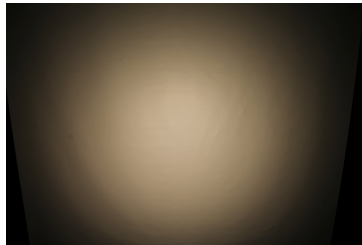




### OPTICAL RESULTS (MEASURED):

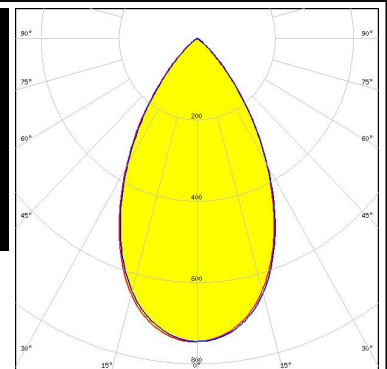
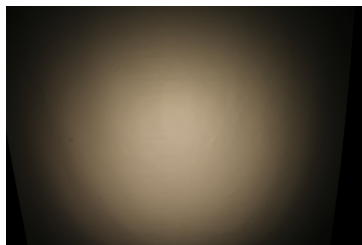
#### MST Your solutions

LED LinLED 280x28mm 1100lm 8x0 2C 42V Opt G1  
 FWHM / FWTM 59.0° / 95.0°  
 Efficiency 85 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 4  
 Light colour White  
 Required components:  
 C17533\_DAISSY-7X1-SHD-MET-MATT



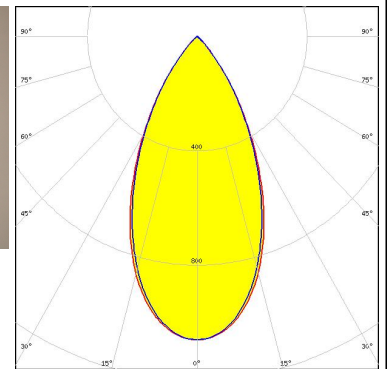
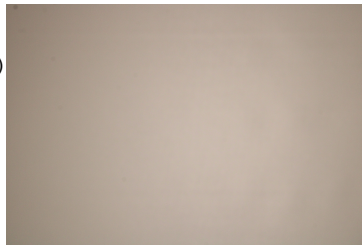
#### MST Your solutions

LED LinLED 280x28mm 1100lm 8x0 2C 42V Opt G1  
 FWHM / FWTM 59.0° / 92.0°  
 Efficiency 73 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 4  
 Light colour White  
 Required components:  
 C17051\_DAISSY-7X1-SHD-MATT



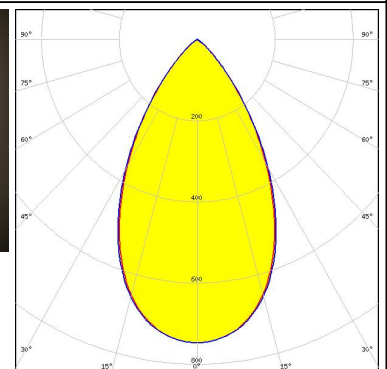
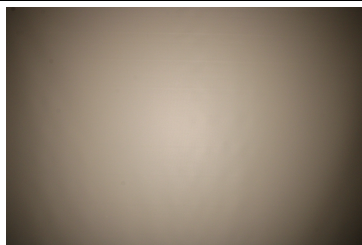
#### MST Your solutions

LED LinLED 280x28mm 1600lm 840 4C 21V DAISY 7x1(ZT25)  
 FWHM / FWTM 51.0° / 81.0°  
 Efficiency 81 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16872\_DAISSY-7X1-SHD

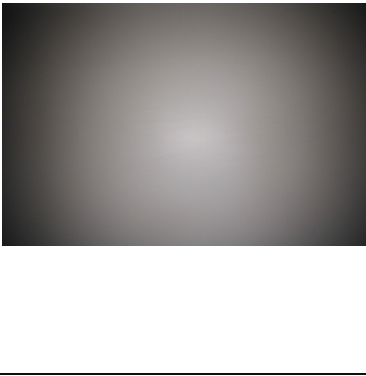
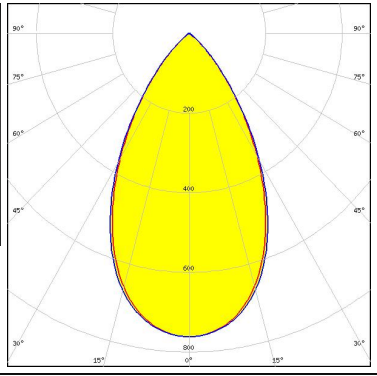

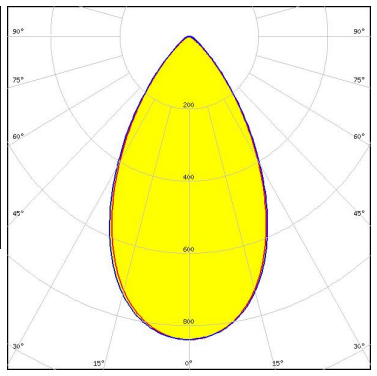
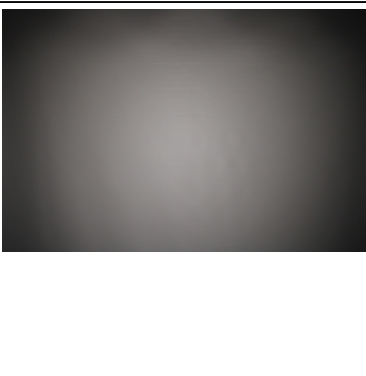
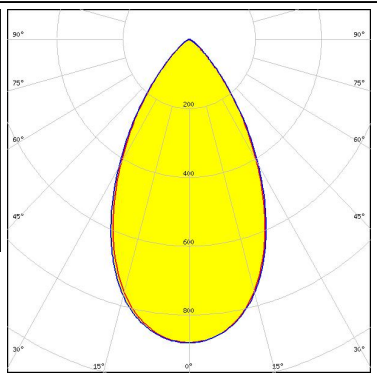
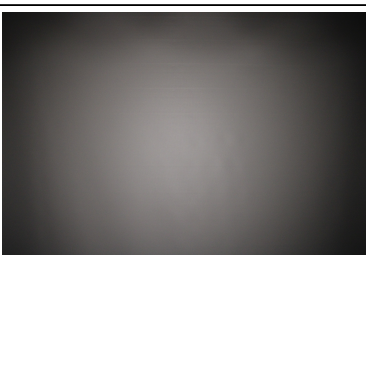
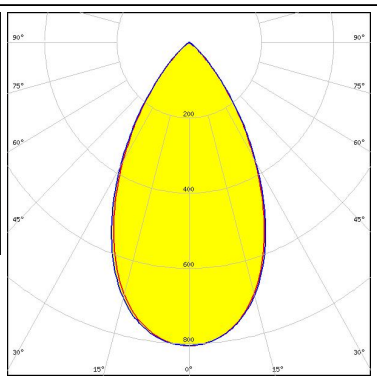


#### OSRAM

LED PL-LIN-2000 280x24mm  
 FWHM / FWTM 59.0° / 91.0°  
 Efficiency 74 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 4  
 Light colour White  
 Required components:  
 C17051\_DAISSY-7X1-SHD-MATT

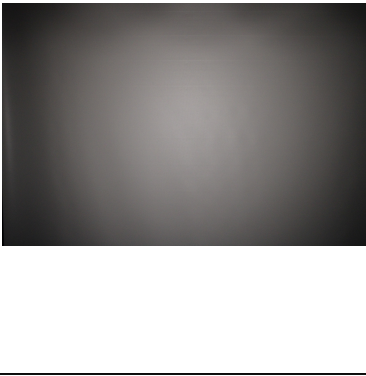
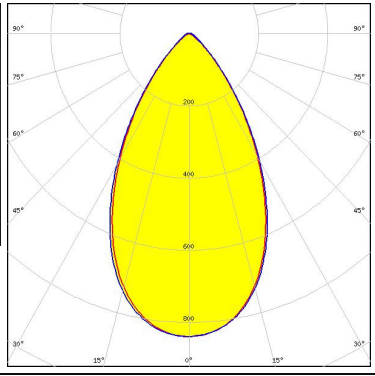
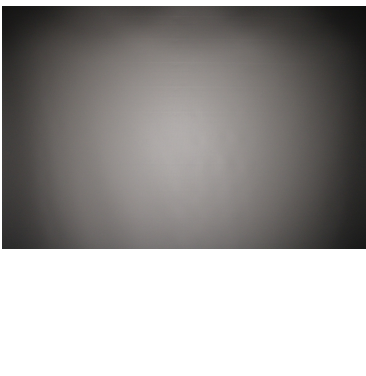
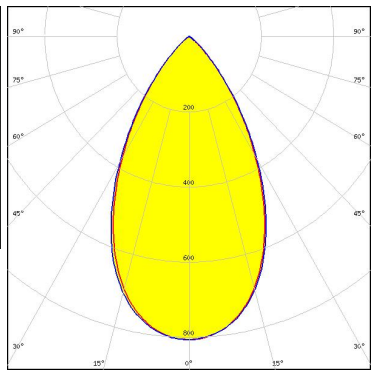
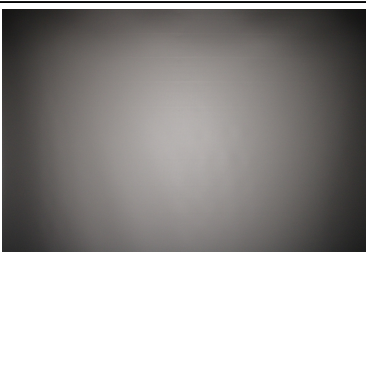
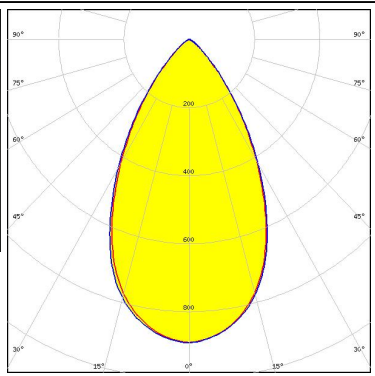
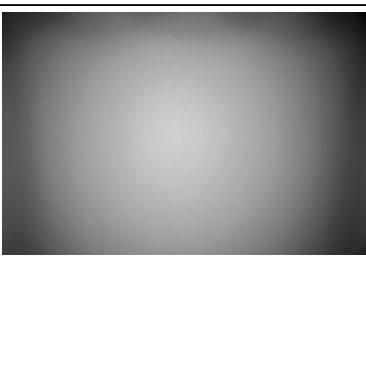
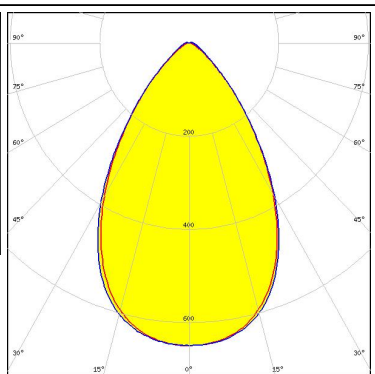


### OPTICAL RESULTS (MEASURED):


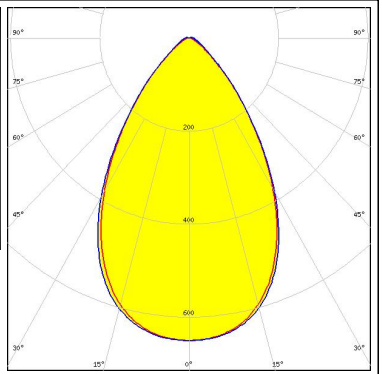

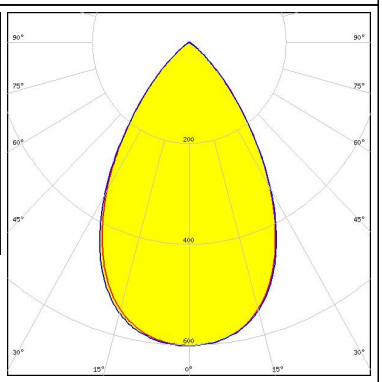

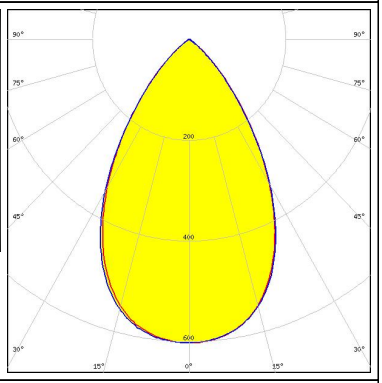
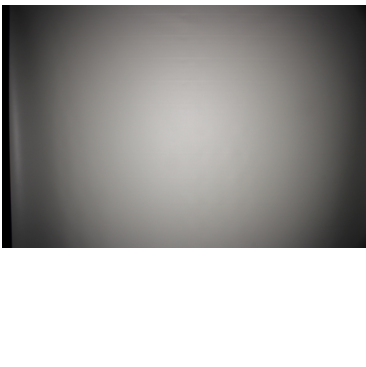
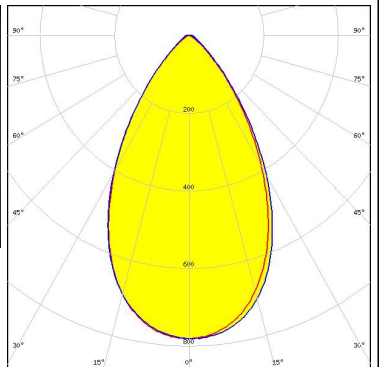
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED OSCONIQ E 2835</p> <p>FWHM / FWTM 58.0° / 91.0°</p> <p>Efficiency 75 %</p> <p>Peak intensity 0.8 cd/lm</p> <p>LEDs/each optic 4</p> <p>Light colour White</p> <p>Required components: C17051_DAISY-7X1-SHD-MATT</p>		
<p><b>SEITEC</b> Elektronik GmbH</p> <p>LED LED-St-L28W2c4-xxx-C015-55 (DAISY-7x1)</p> <p>FWHM / FWTM 59.0° / 94.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity 0.8 cd/lm</p> <p>LEDs/each optic 4</p> <p>Light colour White</p> <p>Required components: C16876_DAISY-7X1-SHD-WHT</p>		
<p><b>SEITEC</b> Elektronik GmbH</p> <p>LED LED-St-L28W2c4-xxx-C015-55 (DAISY-7x1)</p> <p>FWHM / FWTM 58.0° / 93.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 0.9 cd/lm</p> <p>LEDs/each optic 4</p> <p>Light colour White</p> <p>Required components: C17533_DAISY-7X1-SHD-MET-MATT</p>		
<p><b>SEITEC</b> Elektronik GmbH</p> <p>LED LED-St-L28W2c4-xxx-C015-55 (DAISY-7x1)</p> <p>FWHM / FWTM 58.0° / 90.0°</p> <p>Efficiency 76 %</p> <p>Peak intensity 0.8 cd/lm</p> <p>LEDs/each optic 4</p> <p>Light colour White</p> <p>Required components: C17051_DAISY-7X1-SHD-MATT</p>		



### OPTICAL RESULTS (MEASURED):

<p><b>SEITEC</b> Elektronik GmbH</p> <p>LED LED-St-L28W2c4-xxx-C015-55 (DAISY-7x1)            FWHM / FWTM 59.0° / 95.0°            Efficiency 89 %            Peak intensity 0.8 cd/lm            LEDs/each optic 4            Light colour White            Required components:            C17225_DAISSY-7X1-SHD-WHT-MATT</p>		
<p><b>SEITEC</b> Elektronik GmbH</p> <p>LED LED-St-L28W2c4-xxx-C015-55 (DAISY-7x1)            FWHM / FWTM 58.0° / 90.0°            Efficiency 77 %            Peak intensity 0.8 cd/lm            LEDs/each optic 4            Light colour White            Required components:            C16872_DAISSY-7X1-SHD</p>		
<p><b>SEITEC</b> Elektronik GmbH</p> <p>LED LED-St-L28W2c4-xxx-C015-55 (DAISY-7x1)            FWHM / FWTM 58.0° / 92.0°            Efficiency 89 %            Peak intensity 0.9 cd/lm            LEDs/each optic 4            Light colour White            Required components:            C18167_DAISSY-7X1-SHD-MET</p>		
<p><b>TEPCOMP</b> group</p> <p>LED PassivePAQ-L-1F35-SSA3-2.7K-840-3-DC            FWHM / FWTM 66.0° / 103.0°            Efficiency 86 %            Peak intensity 0.7 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C16876_DAISSY-7X1-SHD-WHT</p>		

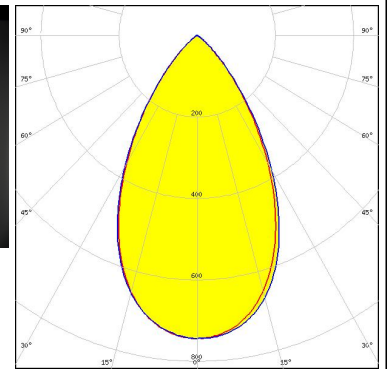
### OPTICAL RESULTS (MEASURED):

<p><b>TEPCOMP</b> group</p> <p>LED                    PassivePAQ-L-1F35-SSA3-2.7K-840-3-DC  FWHM / FWTM        66.0° / 103.0°  Efficiency            86 %  Peak intensity        0.7 cd/lm  LEDs/each optic     1  Light colour         White  Required components:  C17225_DAISSY-7X1-SHD-WHT-MATT</p>		
<p><b>TEPCOMP</b> group</p> <p>LED                    PassivePAQ-L-1F35-SSA3-2.7K-840-3-DC  FWHM / FWTM        64.0° / 96.0°  Efficiency            70 %  Peak intensity        0.6 cd/lm  LEDs/each optic     1  Light colour         White  Required components:  C16872_DAISSY-7X1-SHD</p>		
<p><b>TEPCOMP</b> group</p> <p>LED                    PassivePAQ-L-1F35-SSA3-2.7K-840-3-DC  FWHM / FWTM        64.0° / 96.0°  Efficiency            69 %  Peak intensity        0.6 cd/lm  LEDs/each optic     1  Light colour         White  Required components:  C17051_DAISSY-7X1-SHD-MATT</p>		
<p><b>TRIDONIC</b></p> <p>LED                    LLE 24x280mm 750lm 8x0 LVD ADV1  FWHM / FWTM        61.0° / 96.0°  Efficiency            88 %  Peak intensity        0.8 cd/lm  LEDs/each optic     4  Light colour         White  Required components:  C16876_DAISSY-7X1-SHD-WHT</p>		

### OPTICAL RESULTS (MEASURED):

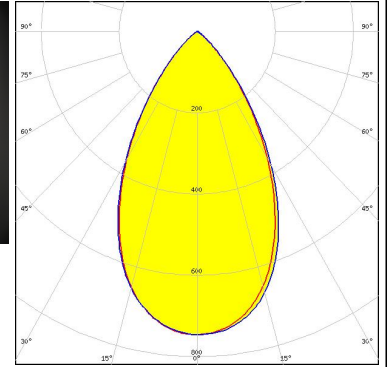
#### TRIDONIC

LED LLE 24x280mm 750lm 8x0 LVD ADV1  
FWHM / FWTM 60.0° / 92.0°  
Efficiency 75 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 4  
Light colour White  
Required components:  
C16872\_DAISSY-7X1-SHD



#### TRIDONIC

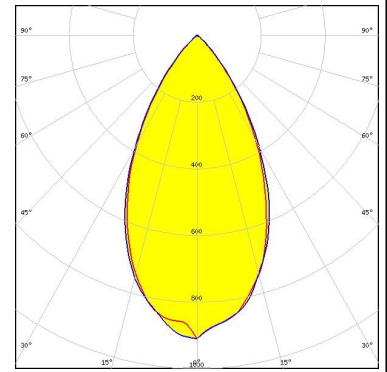
LED LLE 24x280mm 750lm 8x0 LVD ADV1  
FWHM / FWTM 60.0° / 92.0°  
Efficiency 74 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 4  
Light colour White  
Required components:  
C17051\_DAISSY-7X1-SHD-MATT



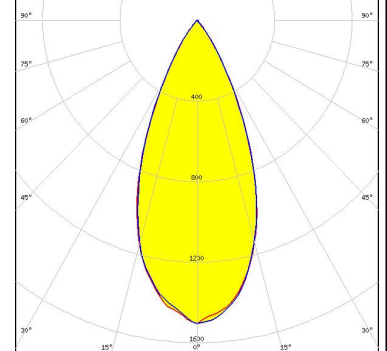
### OPTICAL RESULTS (SIMULATED):



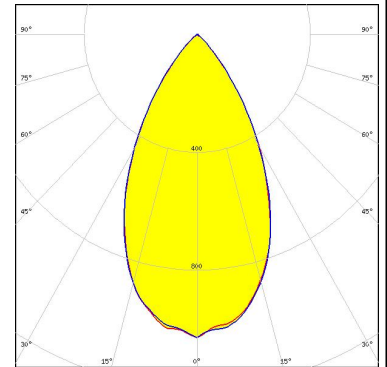
LED J Series 2835  
 FWHM / FWTM 56.0° / 88.0°  
 Efficiency 77 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 4  
 Light colour White  
 Required components:  
 C16872\_DAISSY-7X1-SHD



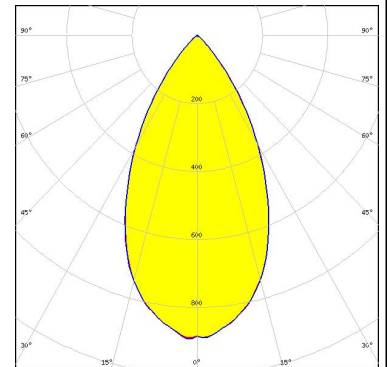
LED OSLOM PURE 1010  
 FWHM / FWTM 44.0° / 70.0°  
 Efficiency 86 %  
 Peak intensity 1.5 cd/lm  
 LEDs/each optic 4  
 Light colour White  
 Required components:  
 C17225\_DAISSY-7X1-SHD-WHT-MATT



LED LM301Z Plus  
 FWHM / FWTM 56.0° / 86.0°  
 Efficiency 88 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 3  
 Light colour White  
 Required components:  
 C18167\_DAISSY-7X1-SHD-MET



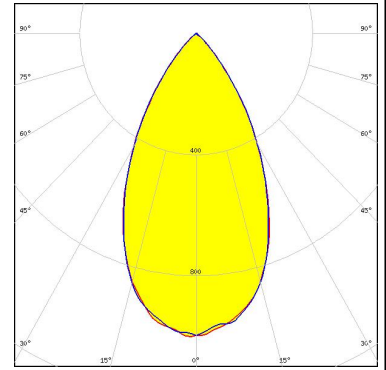
LED LM301Z Plus  
 FWHM / FWTM 54.0° / 86.0°  
 Efficiency 75 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 4  
 Light colour White  
 Required components:  
 C17051\_DAISSY-7X1-SHD-MATT



### OPTICAL RESULTS (SIMULATED):

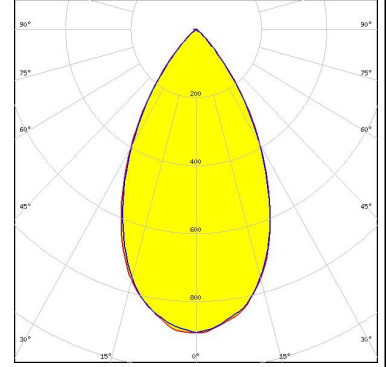
#### SAMSUNG

LED LM301Z Plus  
FWHM / FWTM 55.0° / 86.0°  
Efficiency 86 %  
Peak intensity 1 cd/lm  
LEDs/each optic 4  
Light colour White  
Required components:  
C17225\_DAISY-7X1-SHD-WHT-MATT



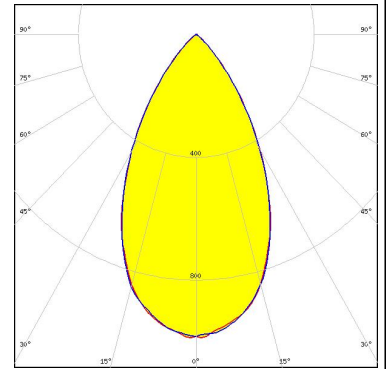
SEOUL SEMICONDUCTOR

LED SEOUL DC 3030C  
FWHM / FWTM 56.0° / 88.0°  
Efficiency 78 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 4  
Light colour White  
Required components:  
C16872\_DAISY-7X1-SHD



#### TRIDONIC

LED LLE 24x280mm 750lm 8x0 LVD ADV1  
FWHM / FWTM 56.0° / 88.0°  
Efficiency 88 %  
Peak intensity 1 cd/lm  
LEDs/each optic 4  
Light colour White  
Required components:  
C17533\_DAISY-7X1-SHD-MET-MATT



### GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

### MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

### PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

#### LEDiL Oy

Joensuunkatu 13  
FI-24240 SALO  
Finland

#### LEDiL Inc.

228 West Page Street  
Suite D  
Sycamore IL 60178  
USA

#### Ledil Optics Technology (Shenzhen) Co., Ltd.

# 405 , Block B  
Casic Motor Building  
Shenzhen 518057  
P.R.CHINA

#### Local sales and technical support

[www.ledil.com/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)

#### Shipping locations

Salo, Finland  
Hong Kong, China

#### Distribution Partners

[www.ledil.com/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)