

## DAISY-2X2-W

~50° wide beam

### TECHNICAL SPECIFICATIONS:

|                |   |
|----------------|---|
| Dimensions     | 79.5 x 79.5 mm  |
| Height         | 21 mm   |
| Fastening      | pin, screw, clips   |
| ROHS compliant | yes  |

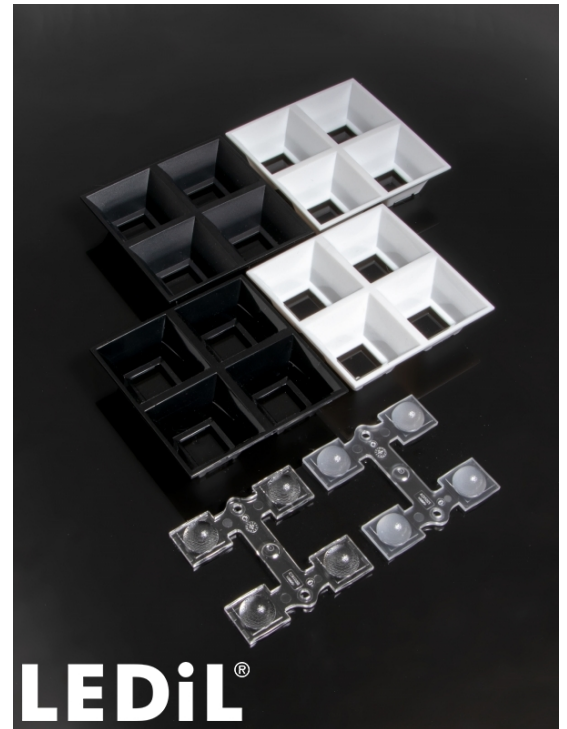
### MATERIAL SPECIFICATIONS:

| Component                     | Type       | Material | Colour | Finish |
|-------------------------------|------------|----------|--------|--------|
| C16867_DAISY-2X2-W            | Multi-lens | PMMA     | clear  |        |
| C16866_DAISY-2X2-SHD          | Shade      | PC       | black  | gloss  |
| C16875_DAISY-2X2-SHD-WHT      | Shade      | PC       | white  | gloss  |
| C17483_DAISY-2X2-SHD-MATT     | Shade      | PC       | black  | matt   |
| C17484_DAISY-2X2-SHD-WHT-MATT | Shade      | PC       | white  | matt   |
| C17530_DAISY-2X2-SHD-MET      | Shade      | PC       | metal  | gloss  |
| C17536_DAISY-2X2-SHD-MET-MATT | Shade      | PC       | metal  | matt   |

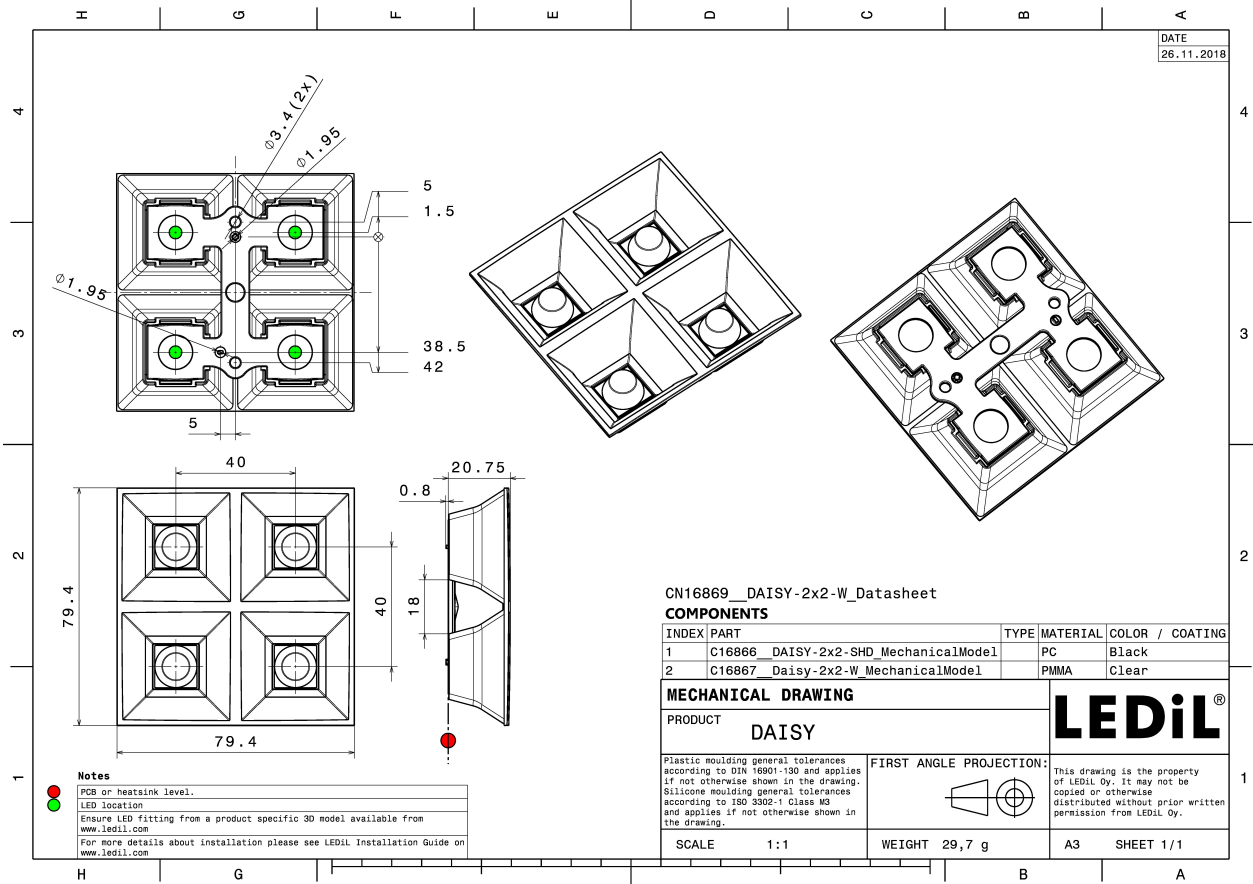
### ORDERING INFORMATION:

#### Quantities for one set:

|            |   |
|------------|---|
| Multi-lens | 1 |
| Shade      | 1 |


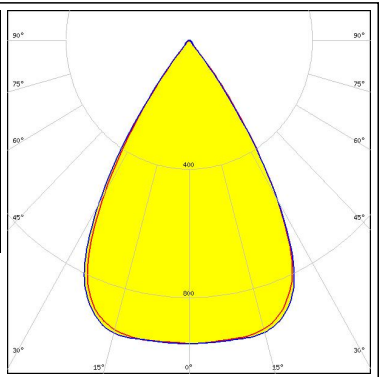

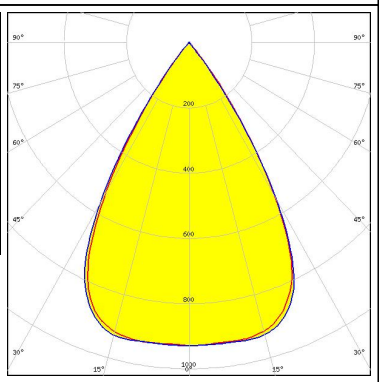
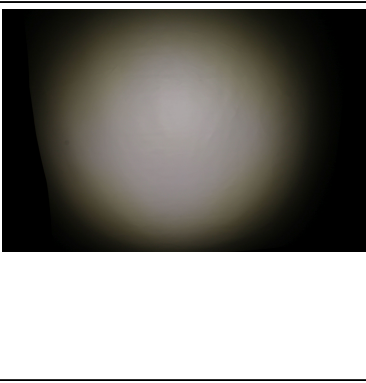
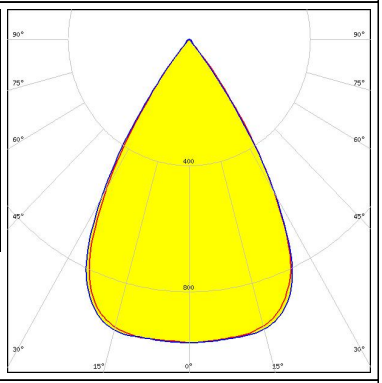

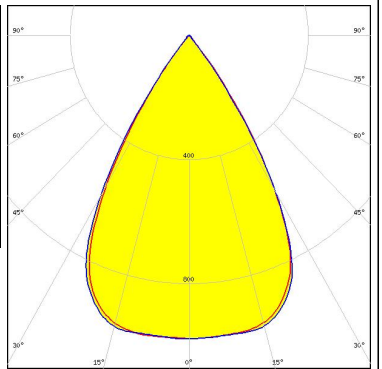


| Component   |            | Qty in box | MOQ  | MPQ | Box weight (kg) |
|---|------------|------------|------|-----|-----------------|
| C16867_DAISY-2X2-W<br>» Box size: 400 x 300 x 300 mm            | Multi-lens | 440        | 440  | 20  | 5.7             |
| C17536_DAISY-2X2-SHD-MET-MATT<br>» Box size: 400 x 300 x 300 mm | Shade      | 186        | 440  | 186 | 4.7             |
| C17483_DAISY-2X2-SHD-MATT<br>» Box size: 400 x 300 x 300 mm     | Shade      | 186        | 440  | 20  | 4.6             |
| C16866_DAISY-2X2-SHD<br>» Box size: 400 x 300 x 300 mm          | Shade      | 186        | 440  | 20  | 4.6             |
| C17484_DAISY-2X2-SHD-WHT-MATT<br>» Box size: 400 x 300 x 300 mm | Shade      | 186        | 440  | 20  | 4.8             |
| C17530_DAISY-2X2-SHD-MET<br>» Box size: 400 x 300 x 300 mm      | Shade      | 186        | 5022 | 186 | 4.7             |
| C16875_DAISY-2X2-SHD-WHT<br>» Box size: 400 x 300 x 300 mm      | Shade      | 186        | 440  | 20  | 4.8             |


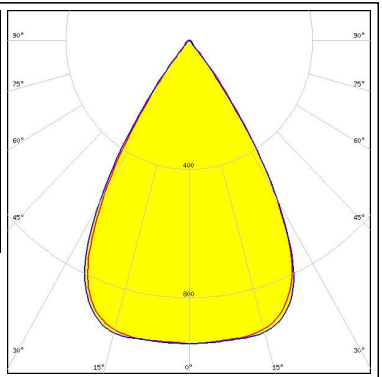

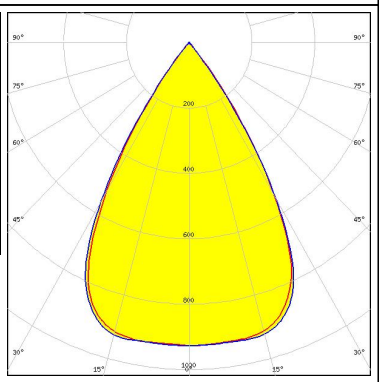

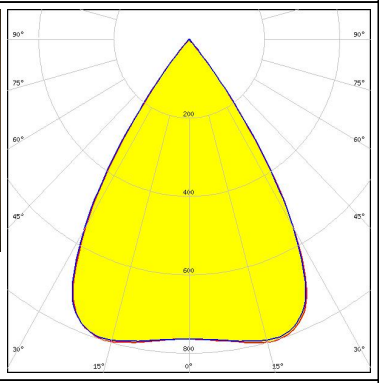
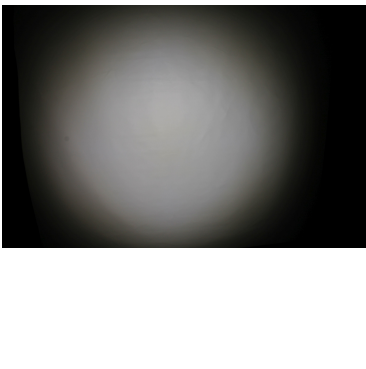
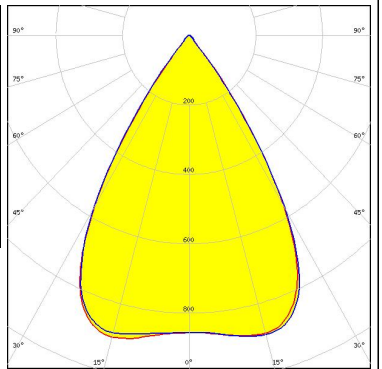


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### PHOTOMETRIC DATA (MEASURED):

|  |  |   |
|--|--|---|
| <p><b>AUDAX ELECTRONICS</b></p> <p>LED LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm</p> <p>FWHM / FWTM 64.0° / 78.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 0.9 cd/lm</p> <p>LEDs/each optic 4</p> <p>Light colour White</p> <p>Required components:<br/>C16875_DAISY-2X2-SHD-WHT</p>    |    |    |
| <p><b>AUDAX ELECTRONICS</b></p> <p>LED LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm</p> <p>FWHM / FWTM 63.0° / 77.0°</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:<br/>C16866_DAISY-2X2-SHD</p>        |   |   |
| <p><b>AUDAX ELECTRONICS</b></p> <p>LED LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm</p> <p>FWHM / FWTM 63.0° / 78.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 1 cd/lm</p> <p>LEDs/each optic 4</p> <p>Light colour White</p> <p>Required components:<br/>C17536_DAISY-2X2-SHD-MET-MATT</p> |  |  |
| <p><b>AUDAX ELECTRONICS</b></p> <p>LED LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm</p> <p>FWHM / FWTM 63.0° / 78.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 1 cd/lm</p> <p>LEDs/each optic 4</p> <p>Light colour White</p> <p>Required components:<br/>C17530_DAISY-2X2-SHD-MET</p>      |  |  |

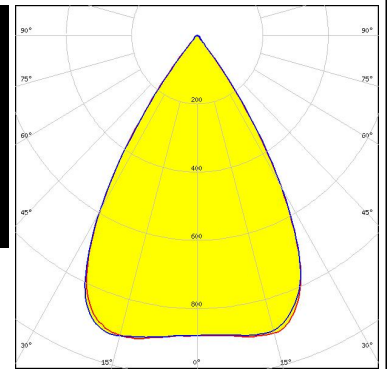
### PHOTOMETRIC DATA (MEASURED):

|   |  |   |
|---|--|---|
| <p><b>AUDAX</b><br/>ELECTRONICS</p> <p>LED LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm<br/>           FWHM / FWTM 64.0° / 78.0°<br/>           Efficiency 94 %<br/>           Peak intensity 0.9 cd/lm<br/>           LEDs/each optic 4<br/>           Light colour White<br/>           Required components:<br/>           C17484_DAISY-2X2-SHD-WHT-MATT</p> |    |    |
| <p><b>AUDAX</b><br/>ELECTRONICS</p> <p>LED LIGHT ENGINE DAISY 16 LEDs 62mm x 62mm<br/>           FWHM / FWTM 63.0° / 77.5°<br/>           Efficiency 88 %<br/>           Peak intensity 0.9 cd/lm<br/>           LEDs/each optic 4<br/>           Light colour White<br/>           Required components:<br/>           C17483_DAISY-2X2-SHD-MATT</p>     |   |   |
| <p><b>axial</b><br/>OPTICS</p> <p>LED Opticus Daisy M 2x2 4P<br/>           FWHM / FWTM 66.0° / 79.0°<br/>           Efficiency 85 %<br/>           Peak intensity 0.8 cd/lm<br/>           LEDs/each optic 4<br/>           Light colour White<br/>           Required components:<br/>           C17483_DAISY-2X2-SHD-MATT</p>                          |  |  |
| <p><b>MST</b>   Your solutions</p> <p>LED RecLED 62x62mm 1600lm 827-865 36V G1<br/>           FWHM / FWTM 64.0° / 79.0°<br/>           Efficiency 92 %<br/>           Peak intensity 0.9 cd/lm<br/>           LEDs/each optic 4<br/>           Light colour White<br/>           Required components:<br/>           C16875_DAISY-2X2-SHD-WHT</p>         |  |  |

### PHOTOMETRIC DATA (MEASURED):

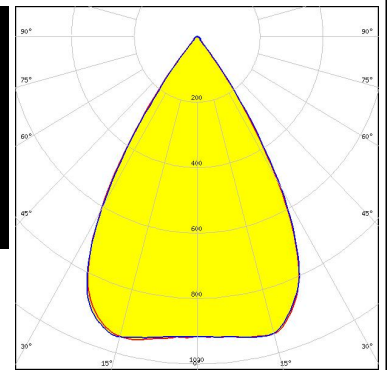
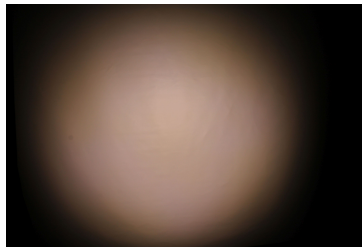
#### MST *Your solutions*

LED RecLED 62x62mm 1600lm 827-865 36V G1  
 FWHM / FWTM 63.0° / 78.0°  
 Efficiency 90 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 4  
 Light colour Tunable White  
 Required components:  
 C17536\_DAISSY-2X2-SHD-MET-MATT



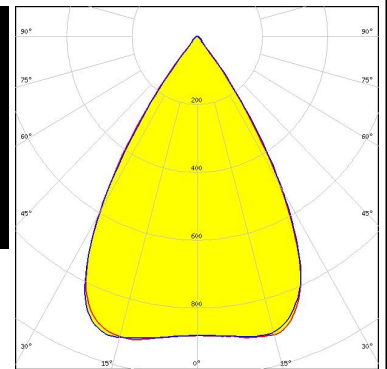
#### MST *Your solutions*

LED RecLED 62x62mm 1600lm 827-865 36V G1  
 FWHM / FWTM 63.0° / 77.0°  
 Efficiency 92 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 4  
 Light colour Tunable White  
 Required components:  
 C17530\_DAISSY-2X2-SHD-MET



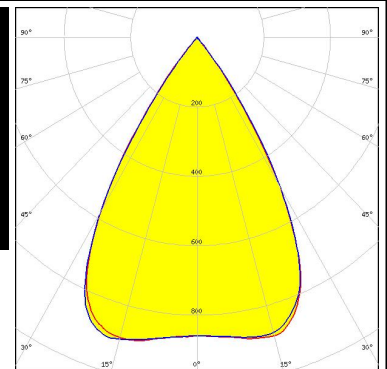
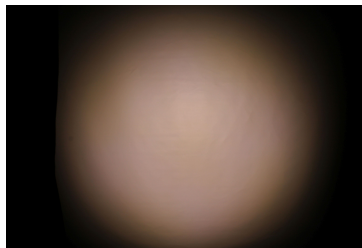
#### MST *Your solutions*

LED RecLED 62x62mm 1600lm 827-865 36V G1  
 FWHM / FWTM 64.0° / 78.0°  
 Efficiency 93 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 4  
 Light colour Tunable White  
 Required components:  
 C17484\_DAISSY-2X2-SHD-WHT-MATT



#### MST *Your solutions*

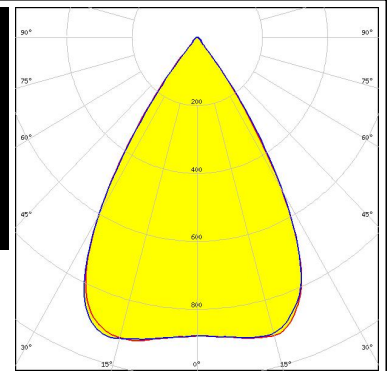
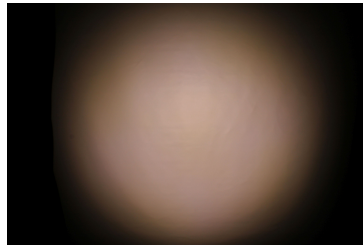
LED RecLED 62x62mm 1600lm 827-865 36V G1  
 FWHM / FWTM 63.0° / 77.0°  
 Efficiency 86 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 4  
 Light colour Tunable White  
 Required components:  
 C17483\_DAISSY-2X2-SHD-MATT



### PHOTOMETRIC DATA (MEASURED):

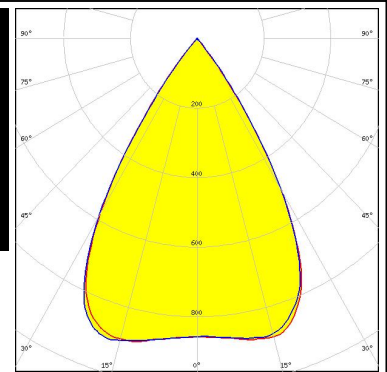
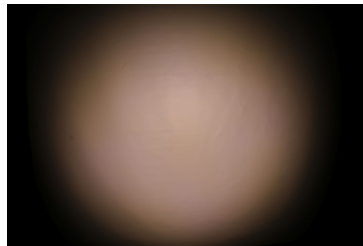
#### MST *Your solutions*

LED RecLED 62x62mm 1600lm 827-865 36V G1  
 FWHM / FWTM 64.0° / 78.0°  
 Efficiency 93 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 4  
 Light colour Tunable White  
 Required components:  
 C16875\_DAISSY-2X2-SHD-WHT



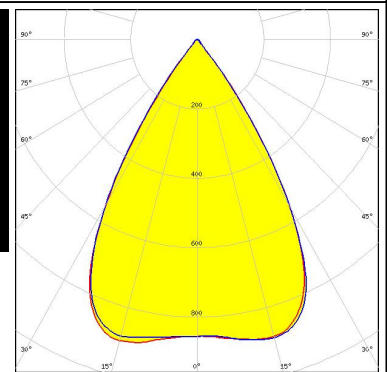
#### MST *Your solutions*

LED RecLED 62x62mm 1600lm 827-865 36V G1  
 FWHM / FWTM 63.0° / 78.0°  
 Efficiency 86 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 4  
 Light colour Tunable White  
 Required components:  
 C16866\_DAISSY-2X2-SHD



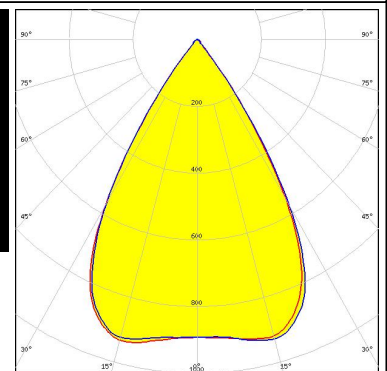
#### MST *Your solutions*

LED RecLED 62x62mm 1600lm 8x0 36V G1  
 FWHM / FWTM 64.0° / 78.0°  
 Efficiency 89 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 4  
 Light colour White  
 Required components:  
 C17536\_DAISSY-2X2-SHD-MET-MATT



#### MST *Your solutions*

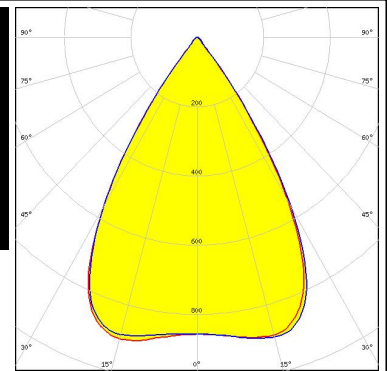
LED RecLED 62x62mm 1600lm 8x0 36V G1  
 FWHM / FWTM 63.0° / 78.0°  
 Efficiency 91 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 4  
 Light colour White  
 Required components:  
 C17530\_DAISSY-2X2-SHD-MET



### PHOTOMETRIC DATA (MEASURED):

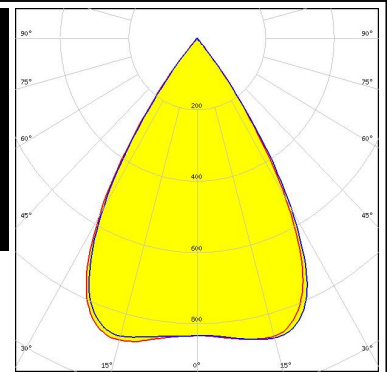
#### MST Your solutions

LED RecLED 62x62mm 1600lm 8x0 36V G1  
 FWHM / FWTM 64.0° / 79.0°  
 Efficiency 92 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 4  
 Light colour White  
 Required components:  
 C17484\_DAISSY-2X2-SHD-WHT-MATT



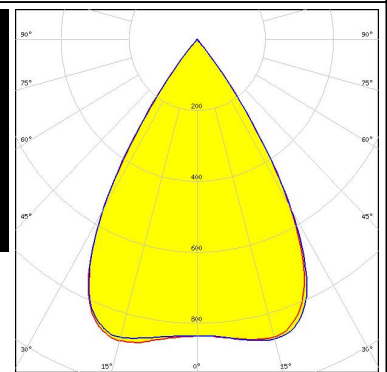
#### MST Your solutions

LED RecLED 62x62mm 1600lm 8x0 36V G1  
 FWHM / FWTM 64.0° / 78.0°  
 Efficiency 86 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 4  
 Light colour White  
 Required components:  
 C17483\_DAISSY-2X2-SHD-MATT



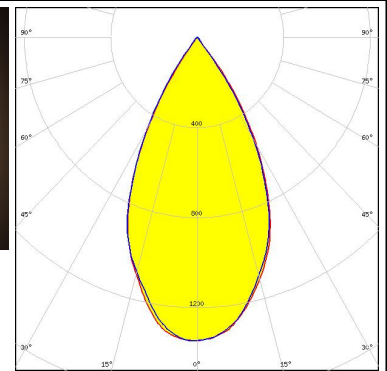
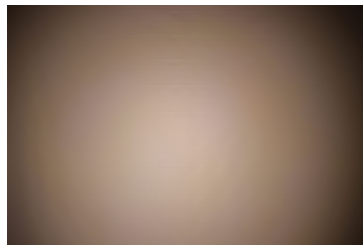
#### MST Your solutions

LED RecLED 62x62mm 1600lm 8x0 36V G1  
 FWHM / FWTM 64.0° / 78.0°  
 Efficiency 86 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 4  
 Light colour White  
 Required components:  
 C16866\_DAISSY-2X2-SHD



#### NICHIA

LED NF2W757G-MT (Tunable White)  
 FWHM / FWTM 53.0° / 74.0°  
 Efficiency 96 %  
 Peak intensity 1.3 cd/lm  
 LEDs/each optic 1  
 Light colour Tunable White  
 Required components:  
 C16875\_DAISSY-2X2-SHD-WHT

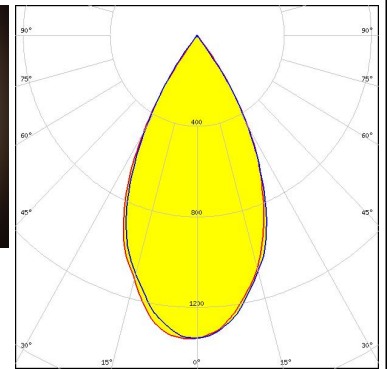
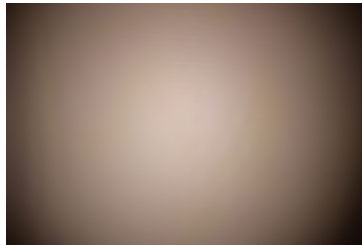




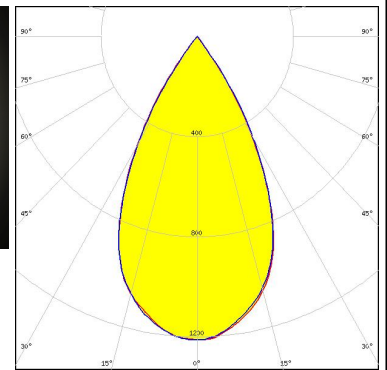
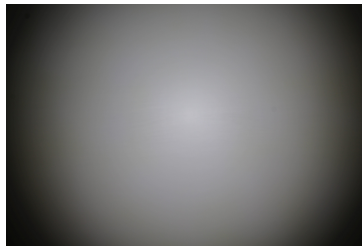
### PHOTOMETRIC DATA (MEASURED):



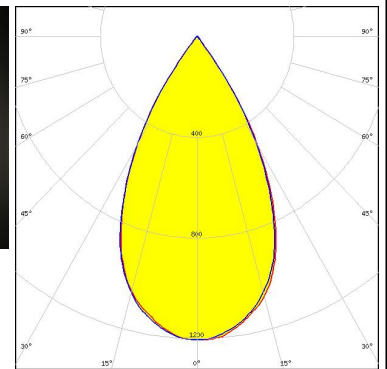
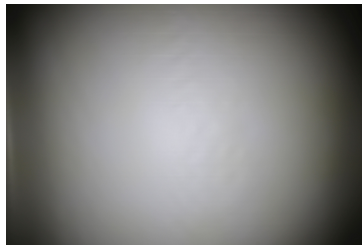
**LED** NF2W757G-MT (Tunable White)  
**FWHM / FWTM** 53.0° / 73.0°  
**Efficiency** 91 %  
**Peak intensity** 1.3 cd/lm  
**LEDs/each optic** 1  
**Light colour** Tunable White  
**Required components:**  
 C16866\_DAISSY-2X2-SHD



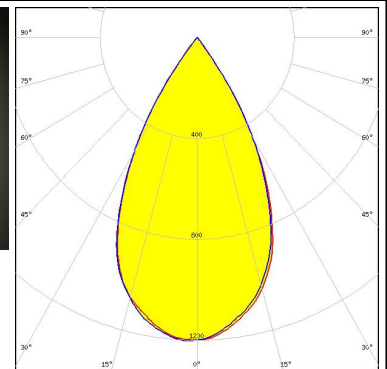
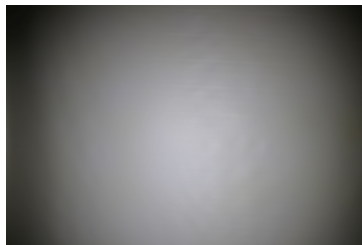
**LED** LM28xB Series  
**FWHM / FWTM** 55.0° / 74.0°  
**Efficiency** 89 %  
**Peak intensity** 1.2 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 C17483\_DAISSY-2X2-SHD-MATT



**LED** LM28xB Series  
**FWHM / FWTM** 56.0° / 74.0°  
**Efficiency** 92 %  
**Peak intensity** 1.2 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 C16875\_DAISSY-2X2-SHD-WHT



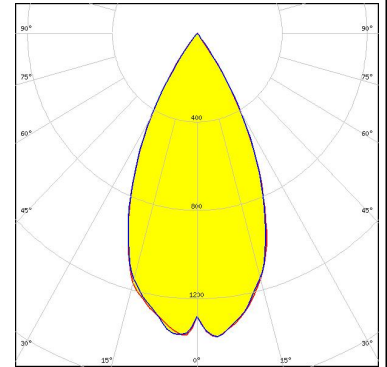
**LED** LM28xB Series  
**FWHM / FWTM** 55.0° / 74.0°  
**Efficiency** 90 %  
**Peak intensity** 1.2 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 C16866\_DAISSY-2X2-SHD



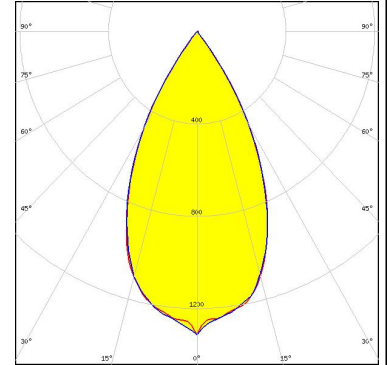
### PHOTOMETRIC DATA (SIMULATED):



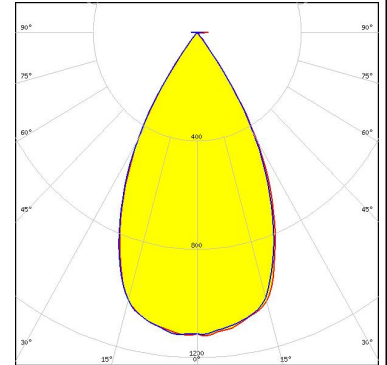
LED J Series 2835  
 FWHM / FWTM 50.0° / 72.0°  
 Efficiency 88 %  
 Peak intensity 1.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C17483\_DAISY-2X2-SHD-MATT



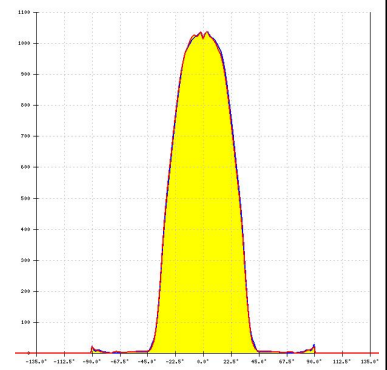
LED J Series 5050 Round LES  
 FWHM / FWTM 52.0° / 74.0°  
 Efficiency 89 %  
 Peak intensity 1.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C17483\_DAISY-2X2-SHD-MATT



LED XD16  
 FWHM / FWTM 55.0° / 74.0°  
 Efficiency 86 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 4  
 Light colour White  
 Required components:  
 C16866\_DAISY-2X2-SHD



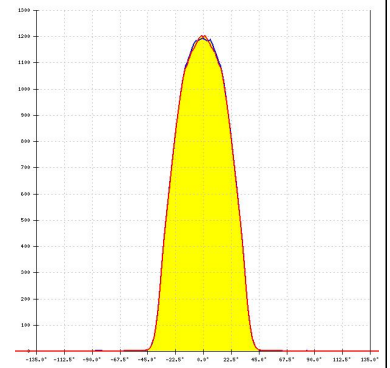
LED XD16  
 FWHM / FWTM 58.0 + °  
 Efficiency 86 %  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C16866\_DAISY-2X2-SHD



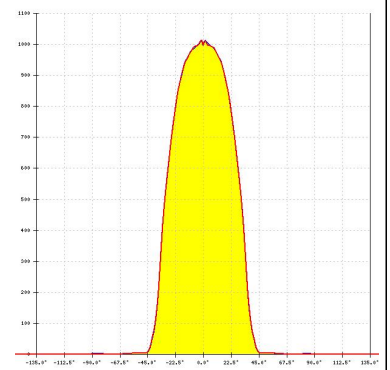
### PHOTOMETRIC DATA (SIMULATED):



LED NF2W757G-MT (Tunable White)  
FWHM / FWTM 56.0° / 76.0°  
Efficiency 91 %  
Peak intensity 1.2 cd/lm  
LEDs/each optic 2  
Light colour Tunable White  
Required components:  
C16866\_DAISY-2X2-SHD



LED NF2W757G-MT (Tunable White)  
FWHM / FWTM 62.0° / 78.0°  
Efficiency 90 %  
Peak intensity 1 cd/lm  
LEDs/each optic 4  
Light colour Tunable White  
Required components:  
C16866\_DAISY-2X2-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:

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)