

## GT3-WW

~45° wide beam

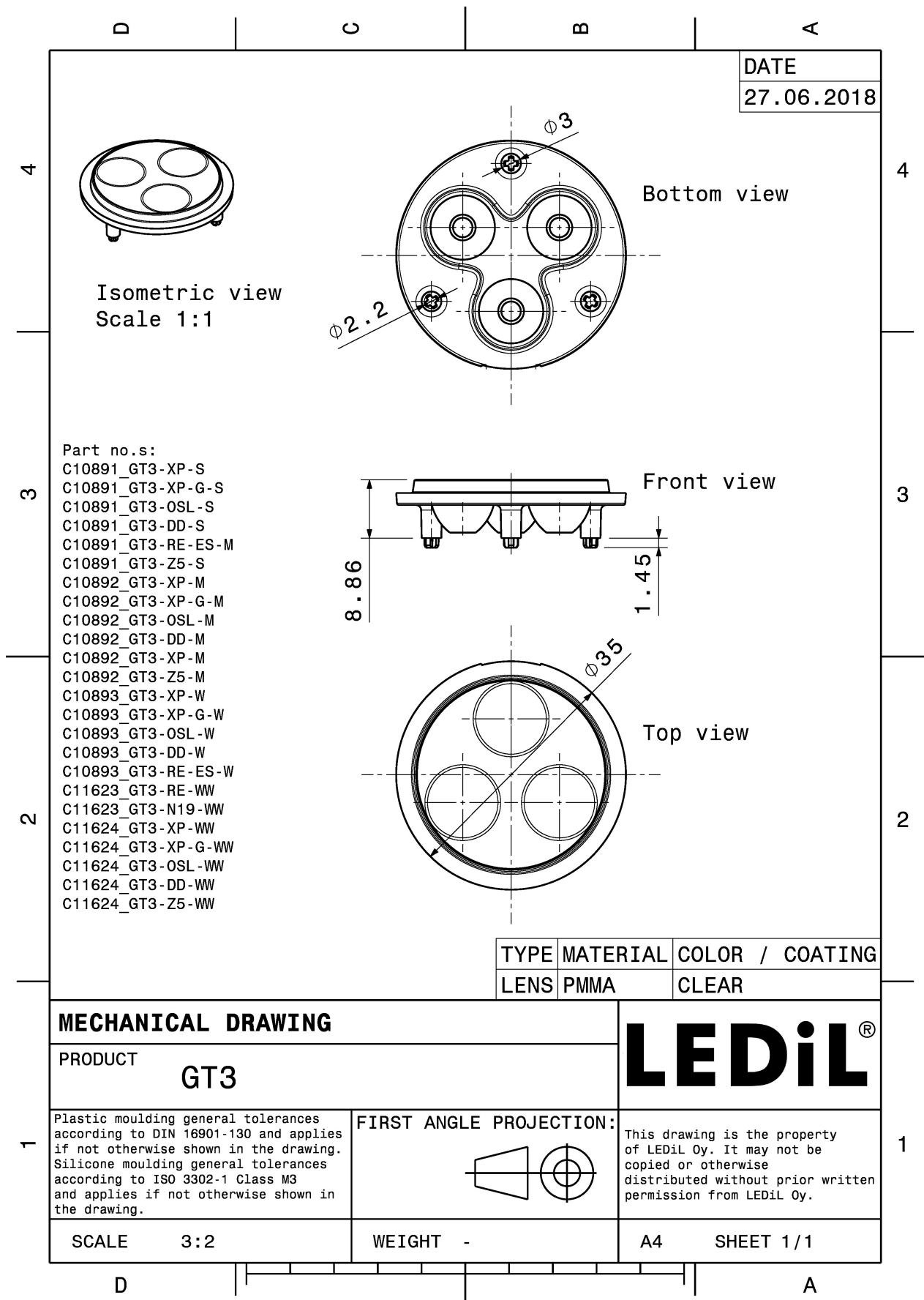
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 35.0 mm
Height	9 mm
Fastening	glue, pin
Colour	clear
Box size	300 x 250 x 250 mm
Box weight	4.5 kg
Quantity in Box	864 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
GT3-WW	Multi-lens	PMMA	clear



**PHOTOMETRIC DATA (MEASURED):**

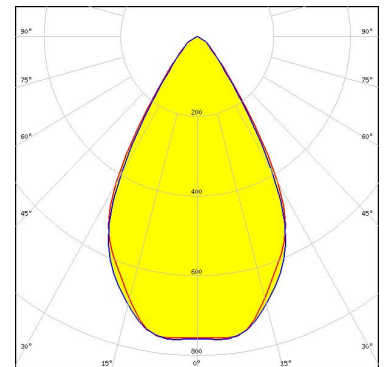
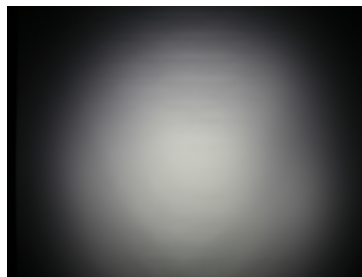
**CREE** 

LED XB-D  
FWHM 38.0°  
Efficiency 92 %  
Peak intensity 1.400 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



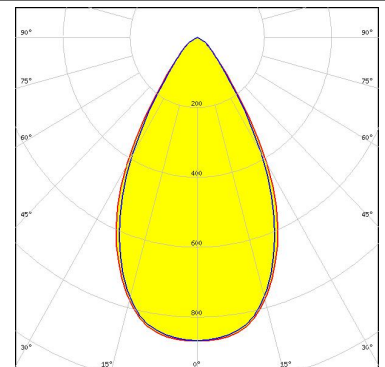
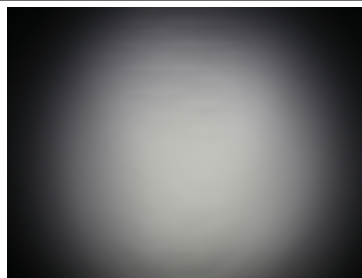
**CREE** 

LED XP-E  
FWHM 61.0°  
Efficiency 90 %  
Peak intensity 0.760 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



**CREE** 

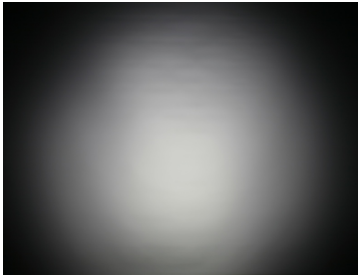
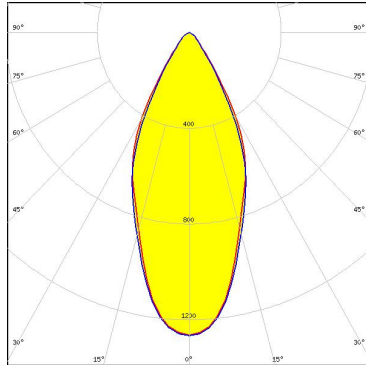
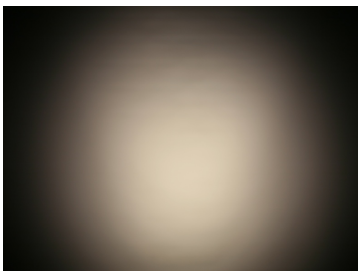
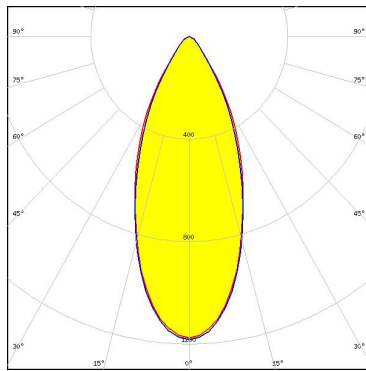

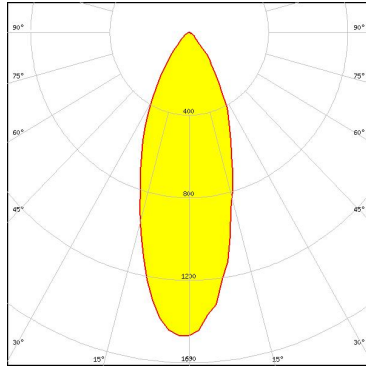
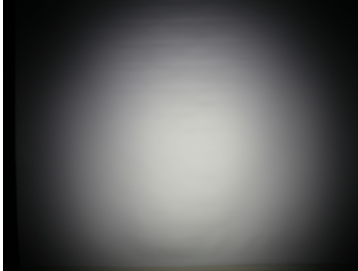
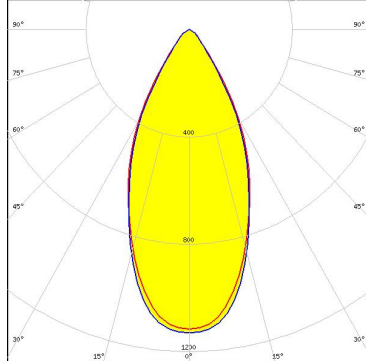
LED XP-G  
FWHM 59.0°  
Efficiency 90 %  
Peak intensity 0.860 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



 **LUMILEDS**

LED LUXEON A  
FWHM 42.0°  
Efficiency %  
Peak intensity cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

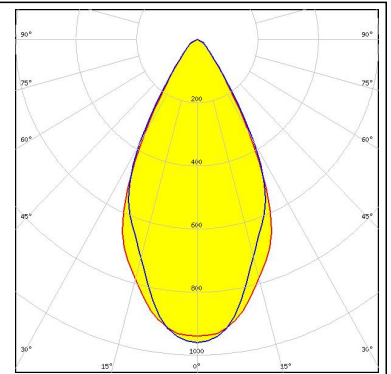
#### PHOTOMETRIC DATA (MEASURED):

<p><b>LUMILEDS</b></p> <p>LED LUXEON Rebel</p> <p>FWHM 46.0°</p> <p>Efficiency 89 %</p> <p>Peak intensity cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p><b>LUMILEDS</b></p> <p>LED LUXEON Rebel ES</p> <p>FWHM 42.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED OSOLON Square EC</p> <p>FWHM 35.0°</p> <p>Efficiency 91 %</p> <p>Peak intensity 1.470 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED OSOLON SSL 150</p> <p>FWHM 48.0°</p> <p>Efficiency 87 %</p> <p>Peak intensity 1.100 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

## PHOTOMETRIC DATA (MEASURED):

**OSRAM**  
Opto Semiconductors

LED OSLON SSL 80  
FWHM 54.0°  
Efficiency 91 %  
Peak intensity 0.940 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



## PHOTOMETRIC DATA (SIMULATED):



LED NCSxx19A  
FWHM 50.0°  
Efficiency 92 %  
Peak intensity cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NVSxx19A  
FWHM 50.0°  
Efficiency 92 %  
Peak intensity cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

### 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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#### LEDiL Oy

Joensuunkatu 13  
FI-24240 SALO  
Finland

#### LEDiL Inc.

228 West Page Street  
Suite D  
Sycamore IL 60178  
USA

#### Local sales and technical support

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

#### Shipping locations

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