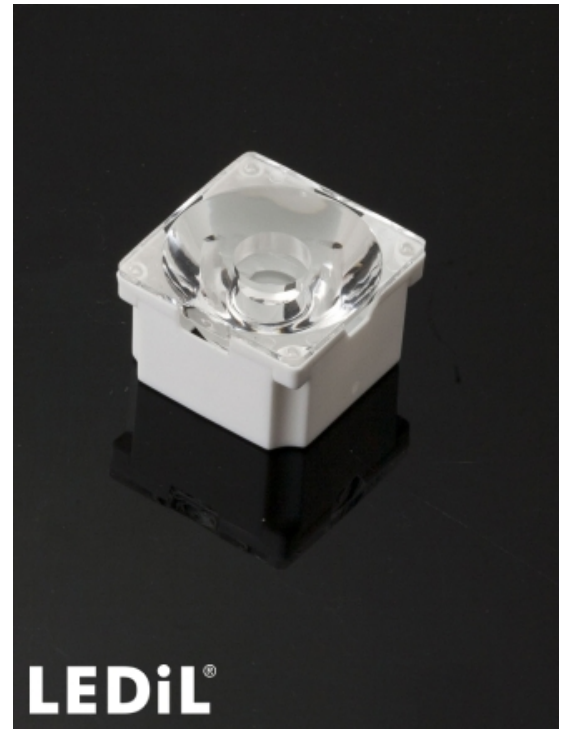


G2-OSS-2-RS

~11° spot beam optimized for Osram Golden Dragon+. G2 assembly with light, white holder.

SPECIFICATION:

Dimensions	21.6 x 21.6 mm
Height	13.9 mm
Fastening	tape
ROHS compliant	yes ⓘ

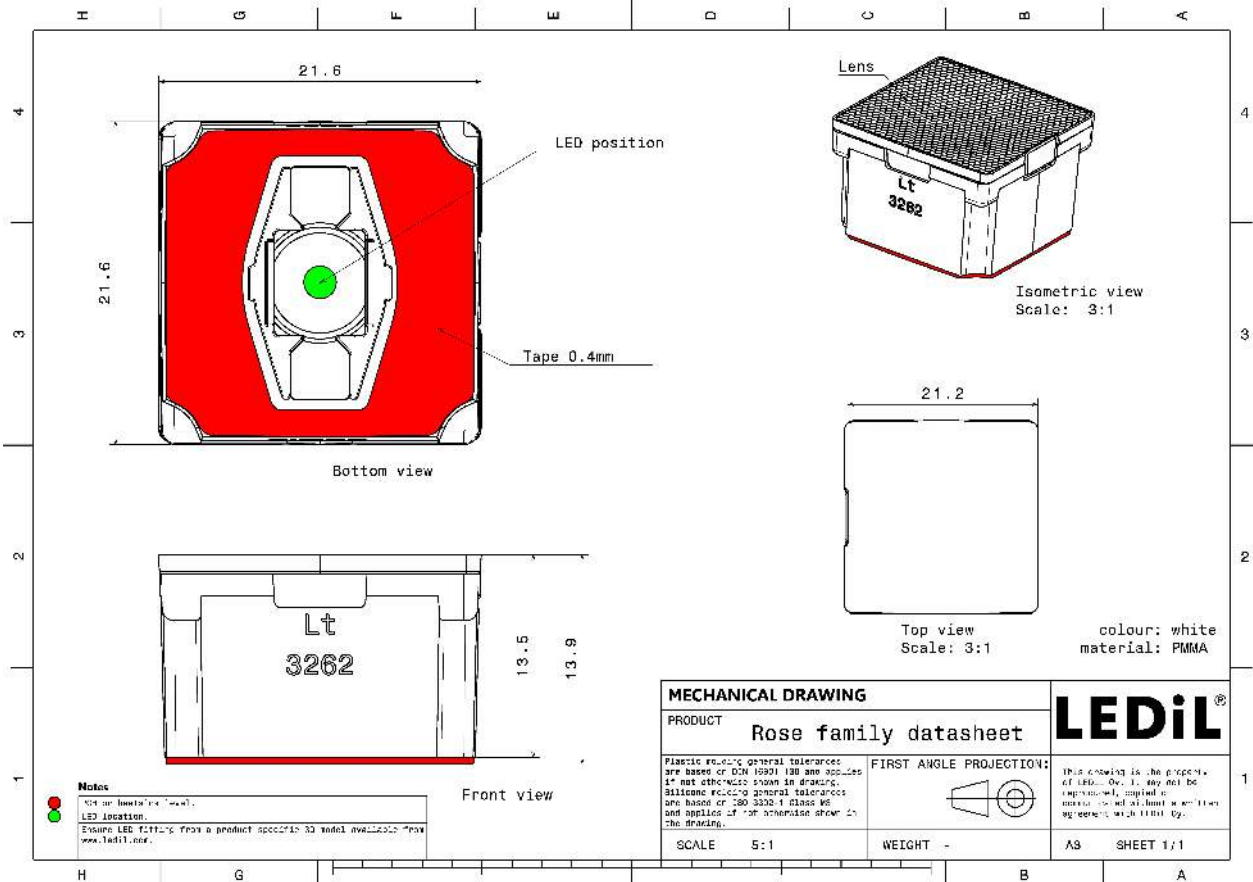


MATERIALS:

Component	Type	Material	Colour	Finish
ROSE-RS	Single lens	PMMA	clear	
ROSE-LT-HLD	Holder	PC	white	
ROSE-TAPE	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CA13613_G2-OSS-2-RS » Box size: 451 x 254 x 152 mm	Single lens	1440		180	5.9




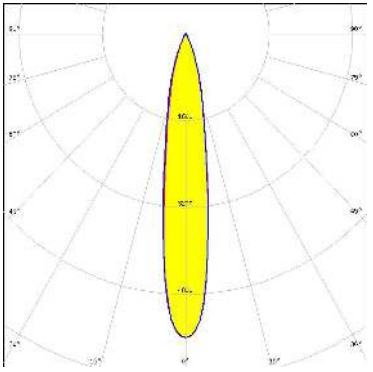

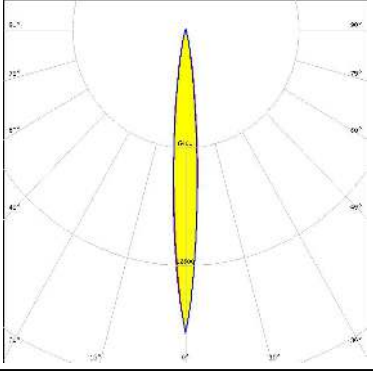

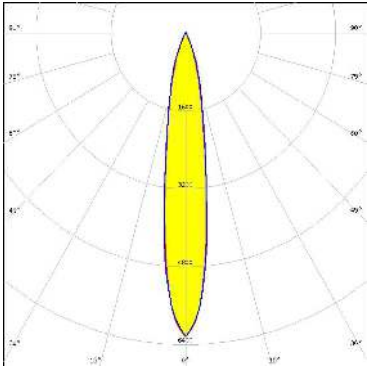

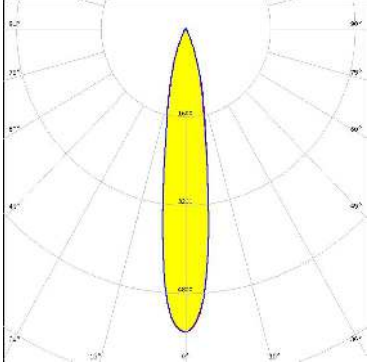
See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):


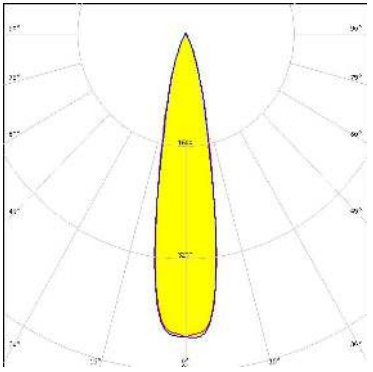

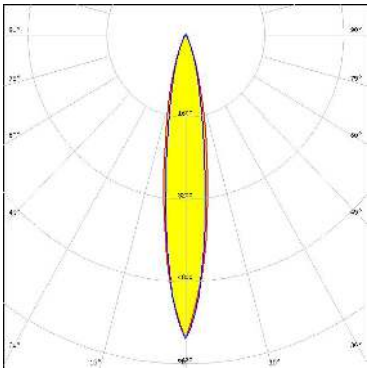

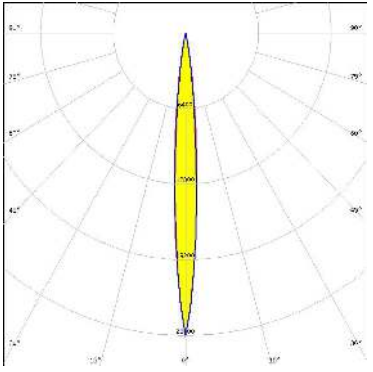

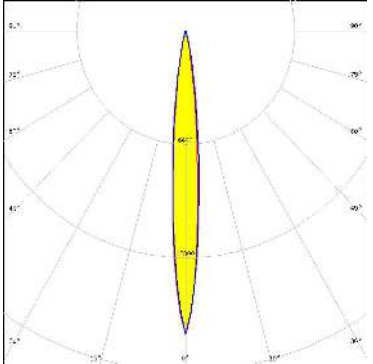
OSRAM
Opto Semiconductors

LED	Golden Dragon+
FWHM / FWTM	7.0° / 18.0°
Efficiency	%
Peak intensity	35.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	


OPTICAL RESULTS (SIMULATED):

	<p>LED J Series 5050 Round LES</p> <p>FWHM / FWTM 17.0° / 41.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 5.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
	<p>LED XD16</p> <p>FWHM / FWTM 10.0° / 22.0°</p> <p>Efficiency 88 %</p> <p>Peak intensity 16.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
	<p>LED LUXEON 5050 Round LES</p> <p>FWHM / FWTM 17.0° / 40.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 6.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
	<p>LED NFMW48xA</p> <p>FWHM / FWTM 17.0° / 42.0°</p> <p>Efficiency 92 %</p> <p>Peak intensity 5.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

OPTICAL RESULTS (SIMULATED):

	<p>LED NV4x144A FWHM / FWTM 22.0° / 42.0° Efficiency 86 % Peak intensity 4.3 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
	<p>LED Duris S8 FWHM / FWTM 16.0° / 40.0° Efficiency 92 % Peak intensity 5.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
	<p>LED KW CULPM1.TG FWHM / FWTM 8.0° / 19.0° Efficiency 93 % Peak intensity 25.7 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
	<p>LED OSCONIQ P 3737 (2W version) FWHM / FWTM 10.0° / 23.0° Efficiency 94 % Peak intensity 17.2 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

OSRAM <small>Opto Semiconductors</small>	<p>LED OSCONIQ P 3737 (3W version)</p> <p>FWHM / FWTM 14.0° / 26.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 12.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
OSRAM <small>Opto Semiconductors</small>	<p>LED OSLON Square CSSRM2/CSSRM3</p> <p>FWHM / FWTM 10.0° / 22.0 + 20.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 18.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
OSRAM <small>Opto Semiconductors</small>	<p>LED OSLON SSL 80</p> <p>FWHM / FWTM 10.0° / 20.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 22.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
 <small>SEOUL SEMICONDUCTOR</small>	<p>LED Z5M1/Z5M2</p> <p>FWHM / FWTM 10.0° / 22.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 19.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

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)