

SURI-RS

~6° real spot beam. Assembly with holder and installation tape.

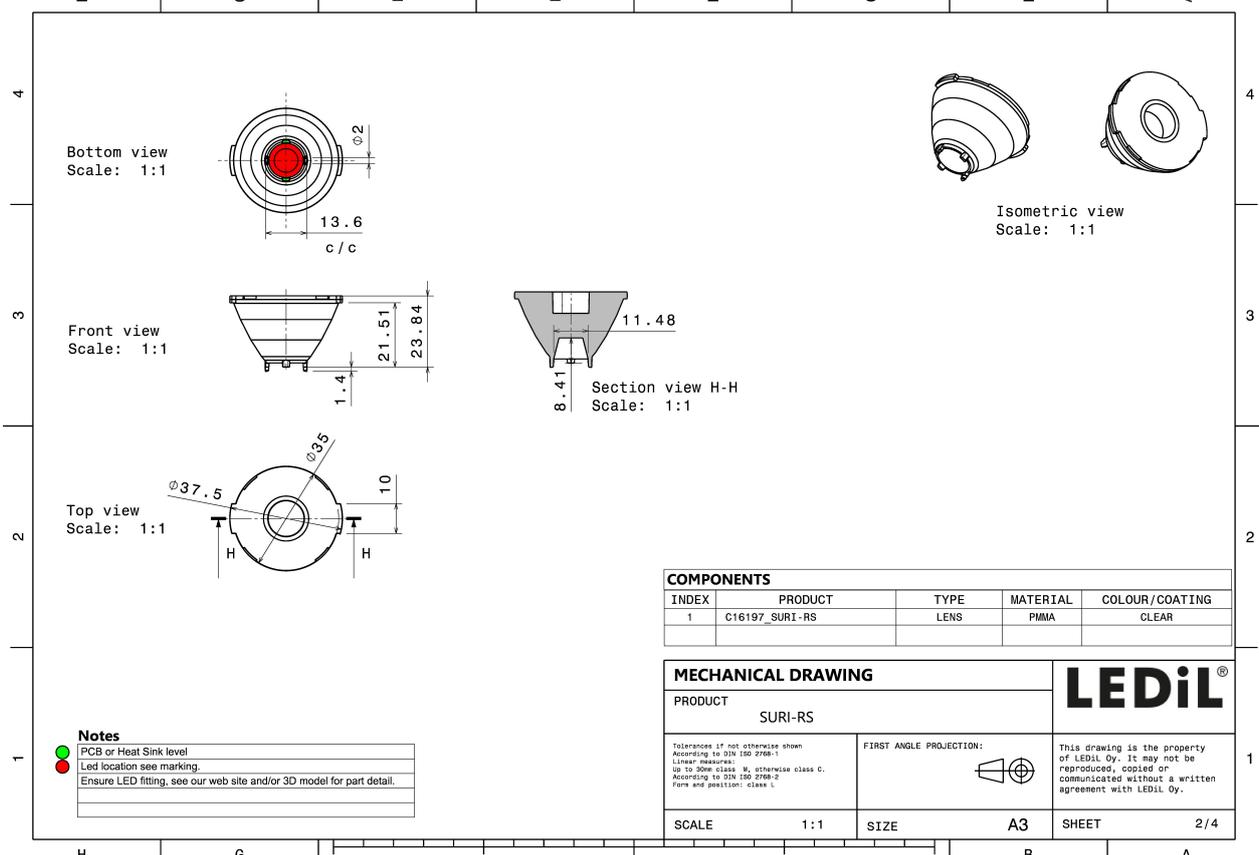
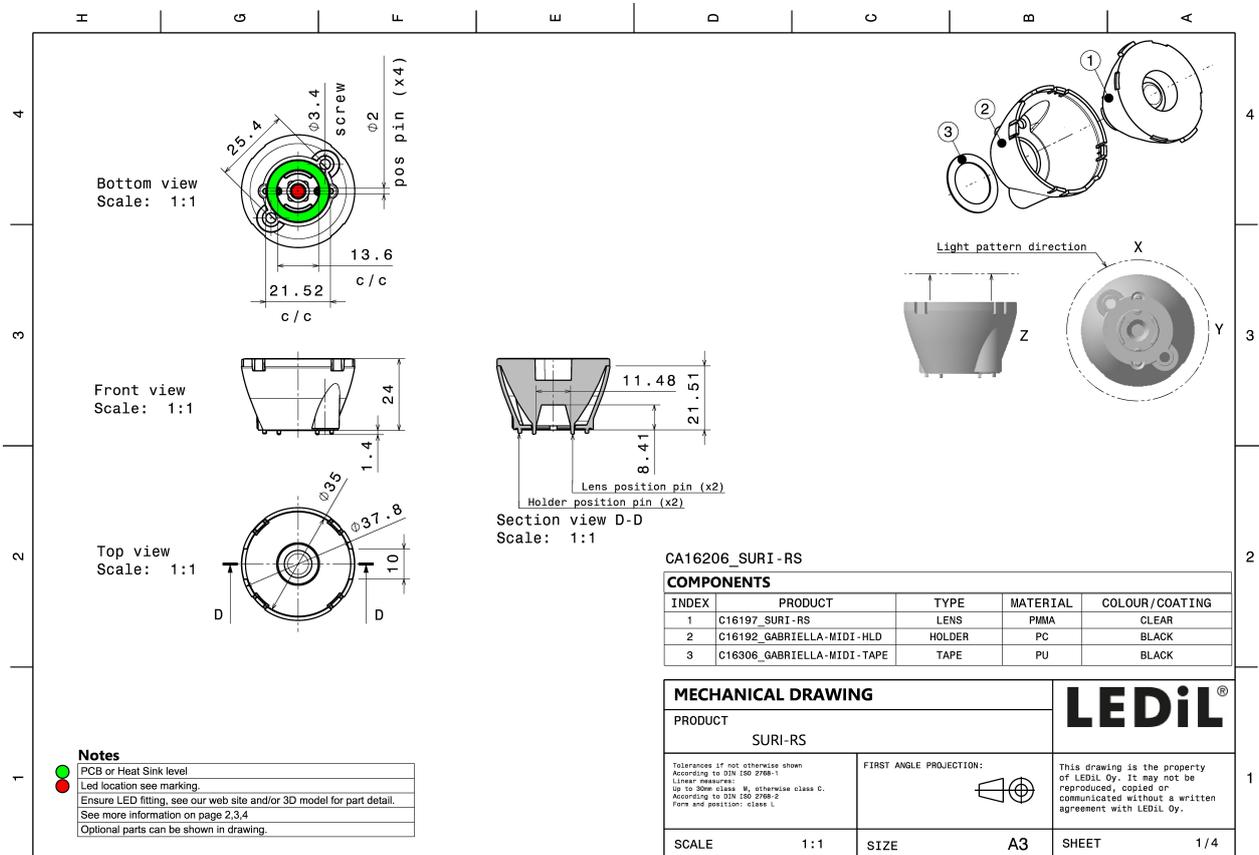
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 37.8 mm
Height	24 mm
Fastening	tape, pin
Colour	clear
Box size	476 x 273 x 292 mm
Box weight	11.7 kg
Quantity in Box	500 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

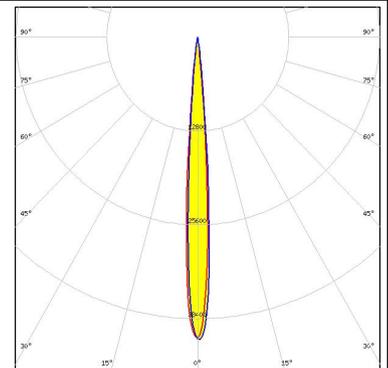
Component	Type	Material	Colour
SURI-RS	Single lens	PMMA	clear
GABRIELLA-MIDI-HLD	Assembly	PC	black



PHOTOMETRIC DATA (MEASURED):

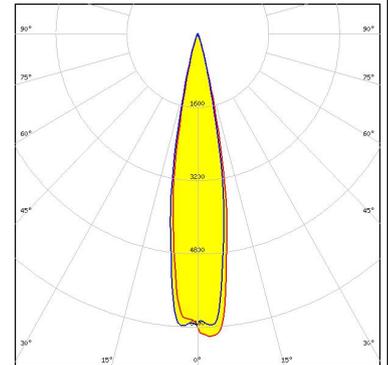
CREE

LED XHP35 HI
 FWHM 8.0°
 Efficiency 91 %
 Peak intensity 41.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



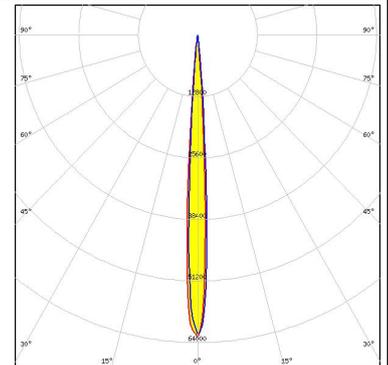
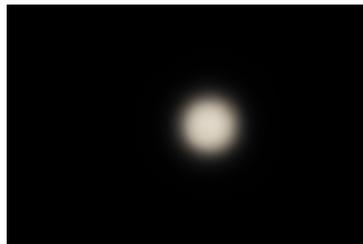
CREE

LED XHP70.2
 FWHM 20.0°
 Efficiency 87 %
 Peak intensity 6.600 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



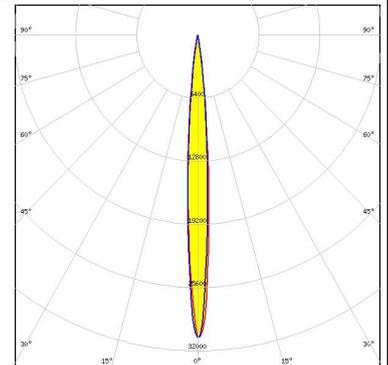
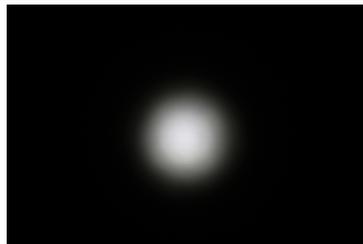
CREE

LED XP-G2
 FWHM 7.0°
 Efficiency 94 %
 Peak intensity 63.100 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE

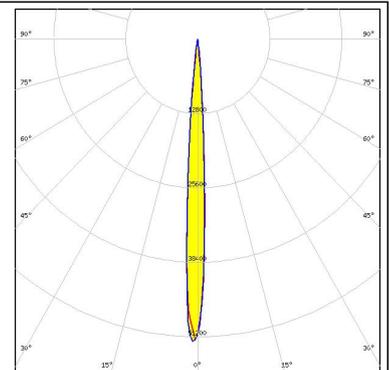
LED XP-L HI
 FWHM 8.0°
 Efficiency 90 %
 Peak intensity 30.600 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 Undefined Manufacturer: Protective Plate, Glass



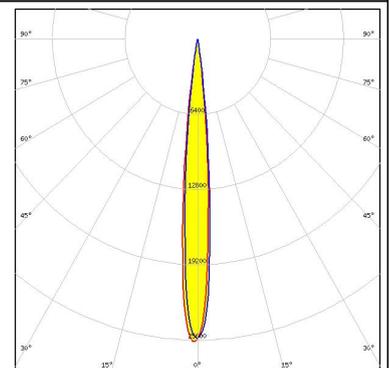
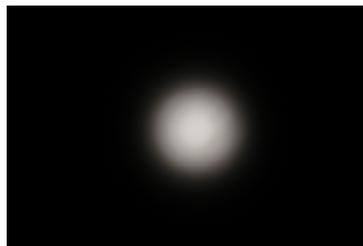
PHOTOMETRIC DATA (MEASURED):



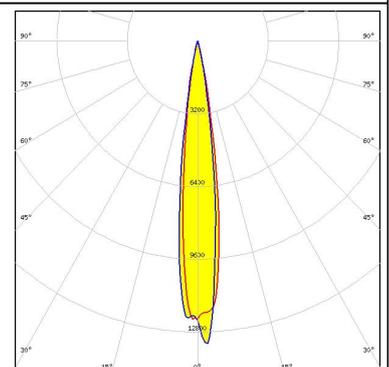
LED XP-L HI
 FWHM 7.0°
 Efficiency 91 %
 Peak intensity 52.400 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



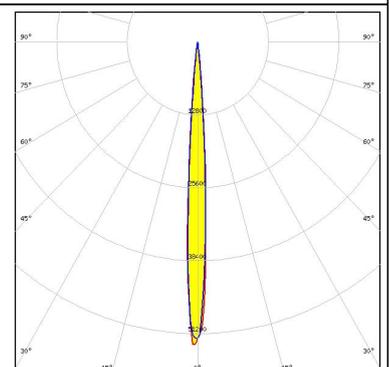
LED LUXEON V
 FWHM 10.0°
 Efficiency 88 %
 Peak intensity 26.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED Duris S8
 FWHM 14.0°
 Efficiency 90 %
 Peak intensity 13.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



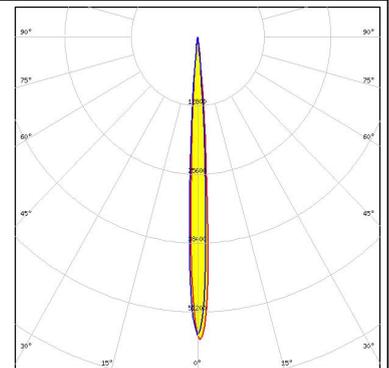
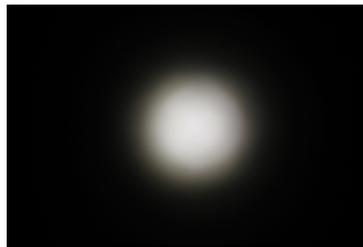
LED OSLOM Square CSSRM2/CSSRM3
 FWHM 7.0°
 Efficiency 91 %
 Peak intensity 53.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (MEASURED):

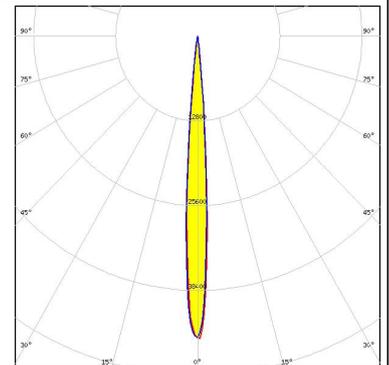
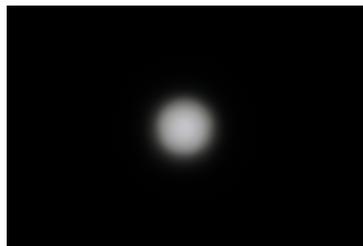
OSRAM
Opto Semiconductors

LED OSLON Square EC
FWHM 6.0°
Efficiency 90 %
Peak intensity 56.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



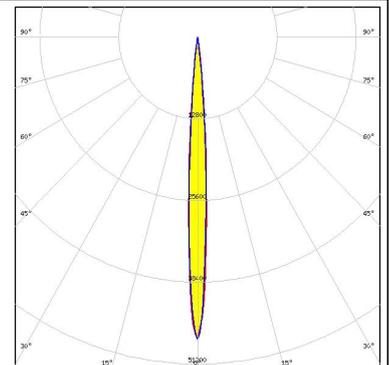
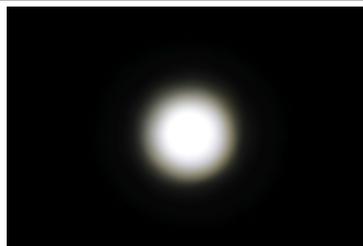
SAMSUNG

LED LH351B
FWHM 8.0°
Efficiency 93 %
Peak intensity 45.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

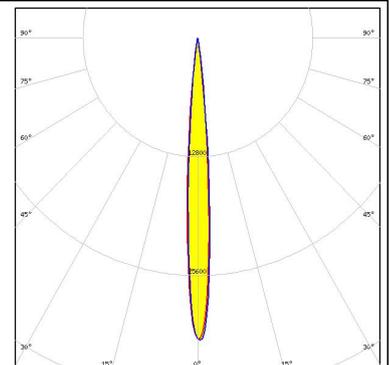
LED LM302A
FWHM 7.0°
Efficiency 92 %
Peak intensity 47.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOL

SEOUL SEMICONDUCTOR

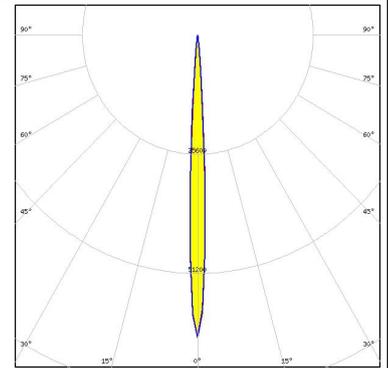
LED Z5M3
FWHM 8.0°
Efficiency 88 %
Peak intensity 32.800 cd/lm
LEDs/each optic 1
Light colour White
Required components:



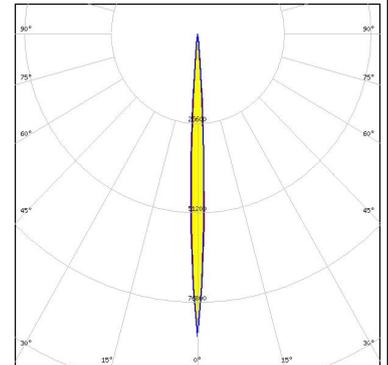
PHOTOMETRIC DATA (SIMULATED):



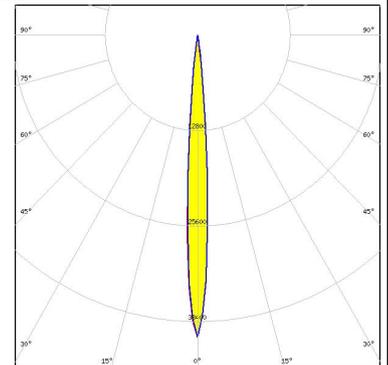
LED XD16
 FWHM 5.9°
 Efficiency 89 %
 Peak intensity 64.970 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



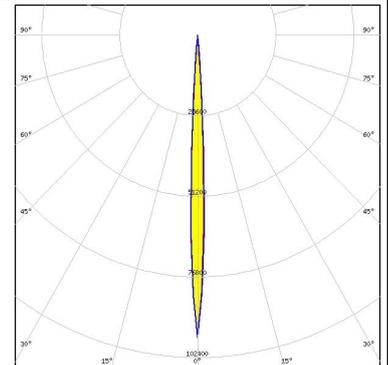
LED XP-E2
 FWHM 5.0°
 Efficiency 91 %
 Peak intensity 85.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-G3
 FWHM 7.7°
 Efficiency 90 %
 Peak intensity 40.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XQ-E HD
 FWHM 5.2°
 Efficiency 92 %
 Peak intensity 96.100 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):

<p>LUMILEDS</p> <p>LED LUXEON MZ FWHM 10.5° Efficiency 94 % Peak intensity 24.300 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM 7.5° Efficiency 94 % Peak intensity 42.860 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSOLON Square CSSRM2/CSSRM3 FWHM 7.0° Efficiency 92 % Peak intensity 46.000 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
<p>SEOL <small>SEOUL SEMICONDUCTOR</small></p> <p>LED Z8Y50P FWHM 15.5° Efficiency 94 % Peak intensity 10.700 cd/lm LEDs/each optic 1 Light colour White 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

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)