

LR2-M

~25° medium beam optimized for LUXEON Rebel ES. 14.8 mm high assembly with installation tape.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	14.8 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

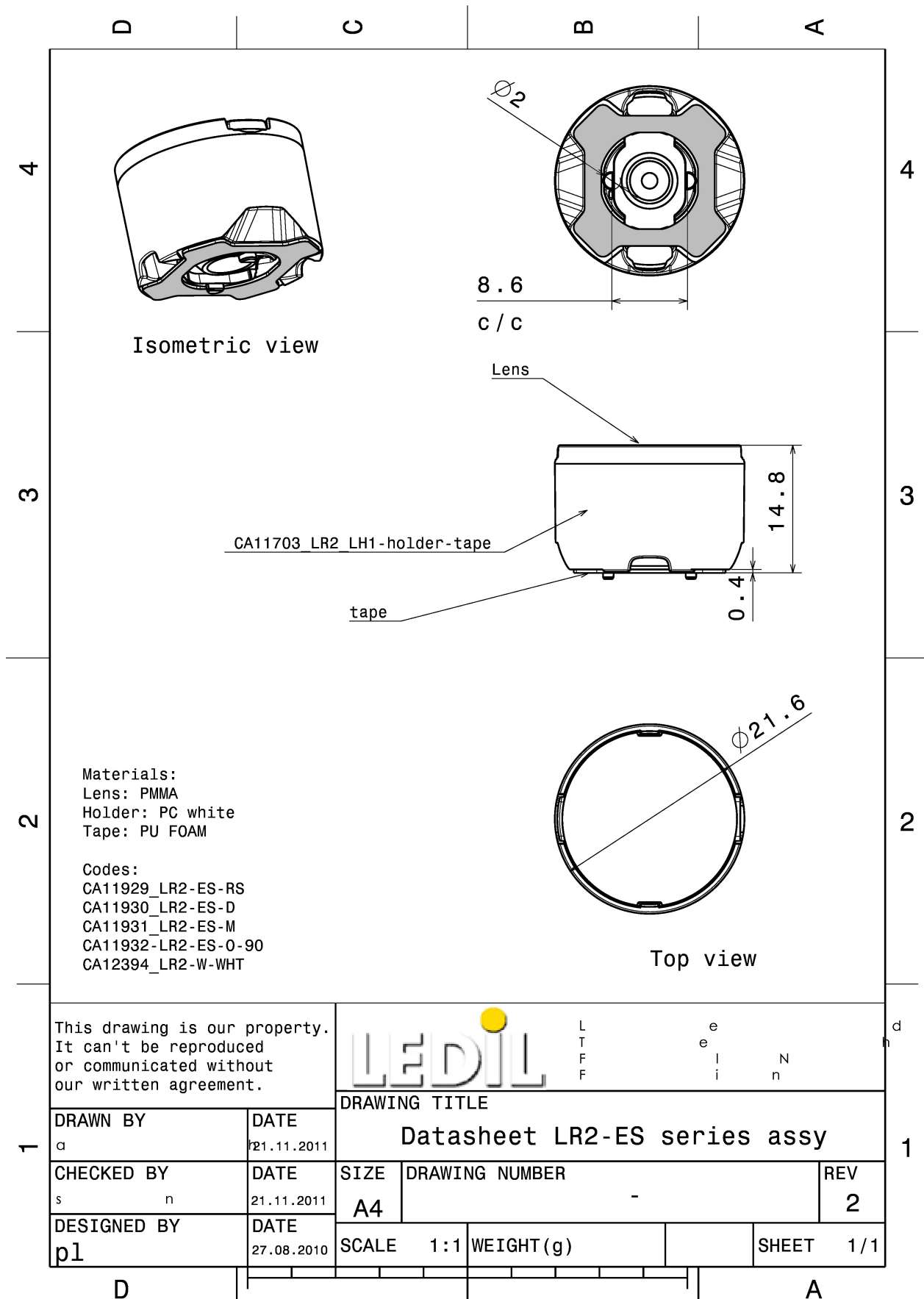
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LXP2-M	Single lens	PMMA	clear	
LR2-ES-LH1-HLD	Holder	PC	white	
HEIDI-TAPE	Tape	PU tape	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA11931_LR2-M	Single lens	1680	336	112	9.0
» Box size: 480 x 280 x 300 mm					

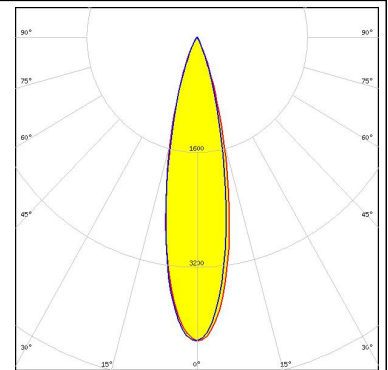




PHOTOMETRIC DATA (MEASURED):



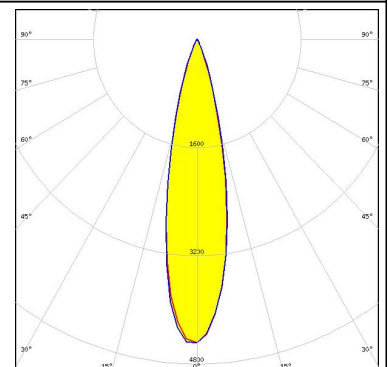
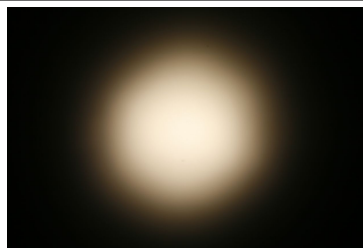
LED XP-L HD
FWHM 24.0°
Efficiency 90 %
Peak intensity 4.2 cd/Im
LEDs/each optic 1
Light colour White
Required components:



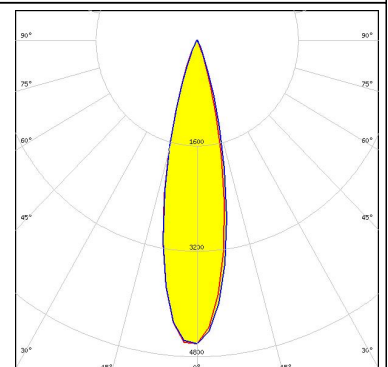
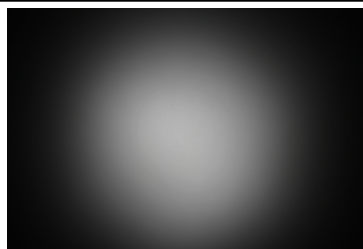
LED LUXEON Rebel ES
FWHM 22.0°
Efficiency 92 %
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON T
FWHM 25.0°
Efficiency 90 %
Peak intensity 4.4 cd/Im
LEDs/each optic 1
Light colour White
Required components:



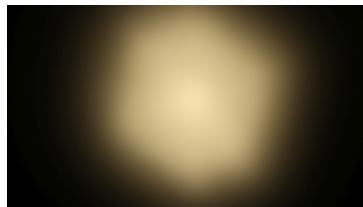
LED LUXEON TX
FWHM 24.0°
Efficiency 90 %
Peak intensity 4.6 cd/Im
LEDs/each optic 1
Light colour White
Required components:



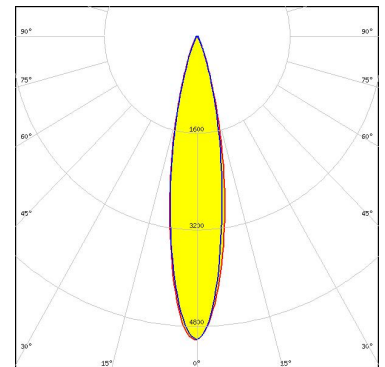
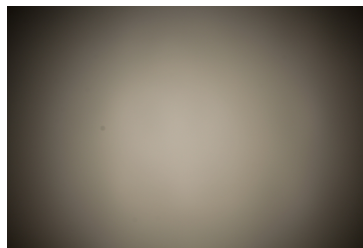
PHOTOMETRIC DATA (MEASURED):



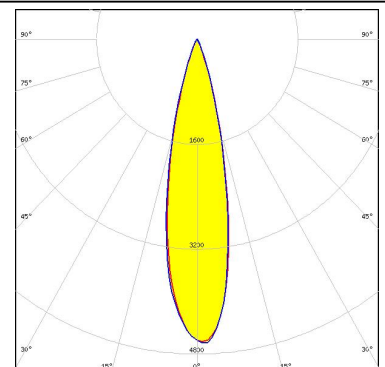
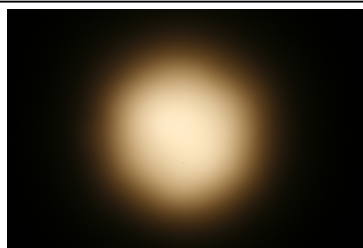
LED LUXEON Z ES
FWHM 23.0°
Efficiency 90 %
Peak intensity 5.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSxx19B/NVSxx19C
FWHM 22.0°
Efficiency 94 %
Peak intensity 5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



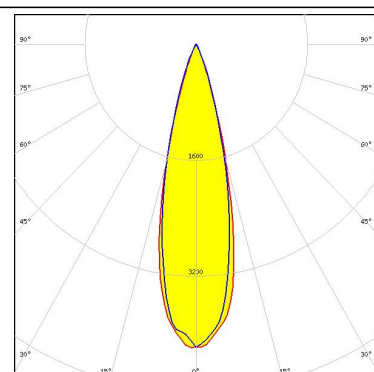
LED OSOLON Square EC
FWHM 25.0°
Efficiency 89 %
Peak intensity 4.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



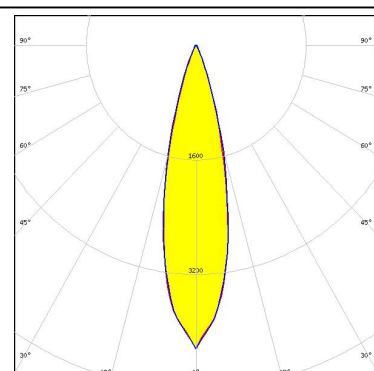
PHOTOMETRIC DATA (SIMULATED):



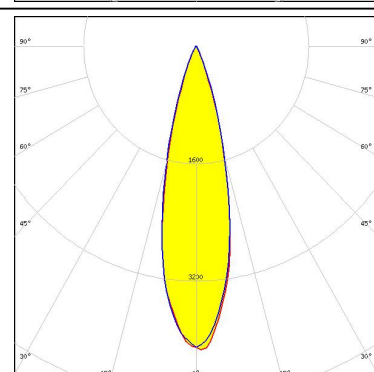
LED LUXEON H50-2
FWHM 25.0°
Efficiency 92 %
Peak intensity 4.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



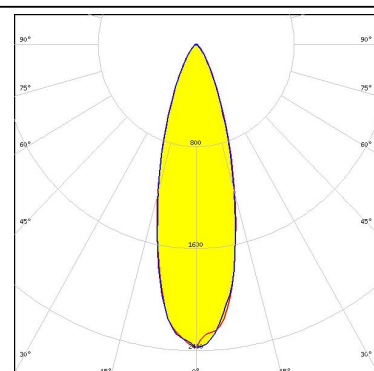
LED LUXEON IR Domed 60
FWHM 24.0°
Efficiency 93 %
LEDs/each optic 1
Light colour IR
Required components:



LED LUXEON V2
FWHM 26.0°
Efficiency 94 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED Duris S8
FWHM 30.0°
Efficiency 93 %
Peak intensity 2.5 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:

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

Salu, Finland
Hong Kong, China

Distribution Partners

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)