

HELENA-A

~20° medium beam

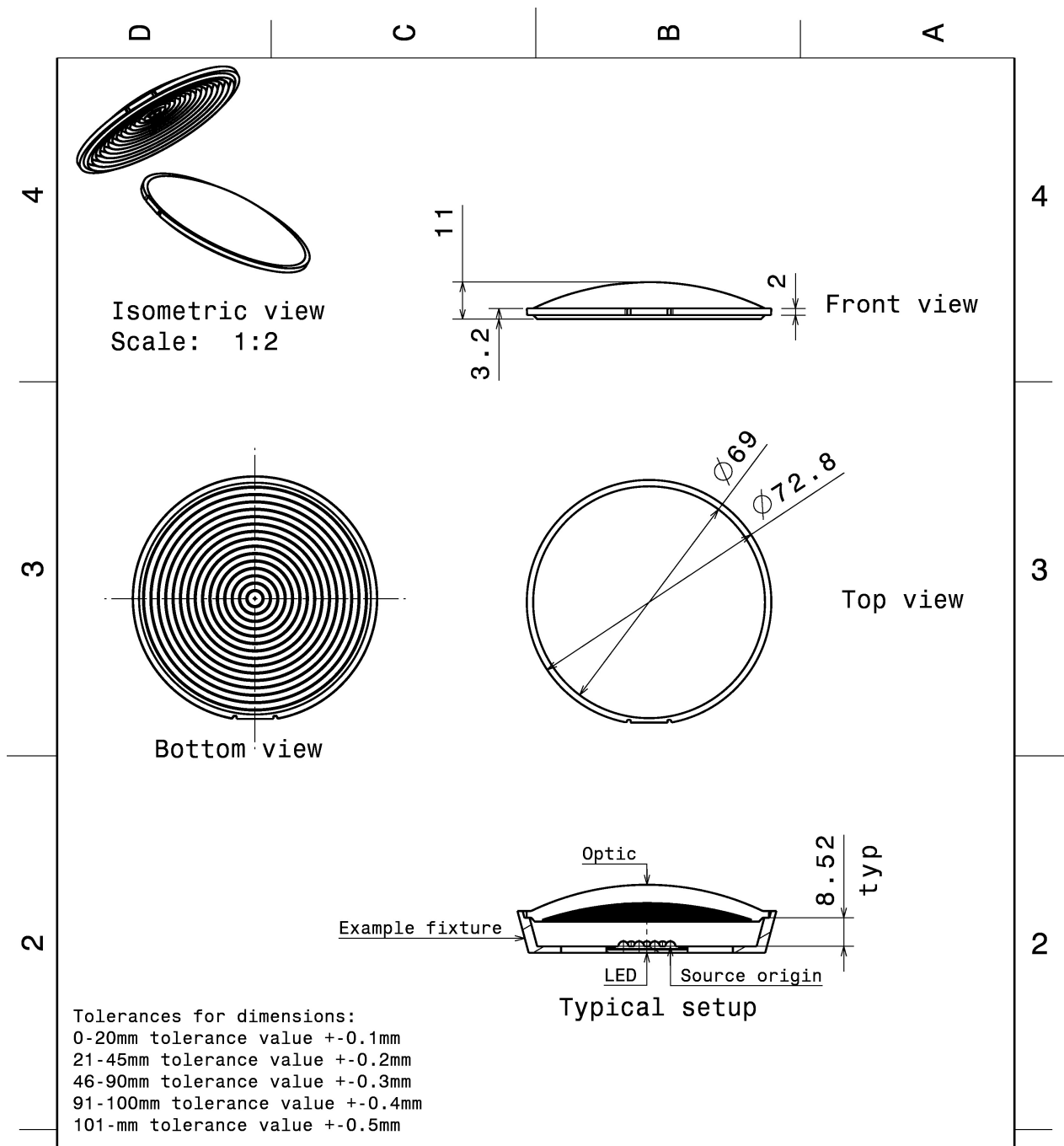
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 72.8 mm
Height	11 mm
Fastening	
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	9.7 kg
Quantity in Box	420 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
HELENA-A	Single lens	PC	clear

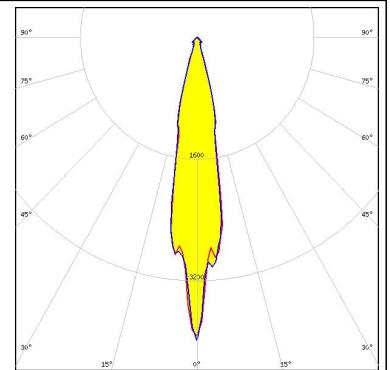
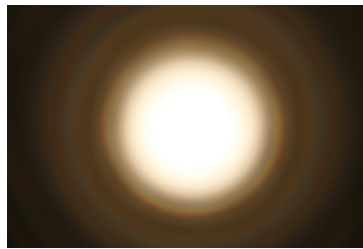


This drawing is our property. It can't be reproduced or communicated without our written agreement.				LediL Oy Salorankatu 10 FIN 24240 SALO Finland	
DRAWING TITLE					
DRAWN BY		Helena-family			
-	DATE	01.02.2018			
CHECKED BY		SIZE	DRAWING NUMBER		REV
-	DATE	A4	C12622 / C13254		2
DESIGNED BY		SCALE	WEIGHT (g)	SHEET	
-	DATE	2:3		1/1	

PHOTOMETRIC DATA (MEASURED):

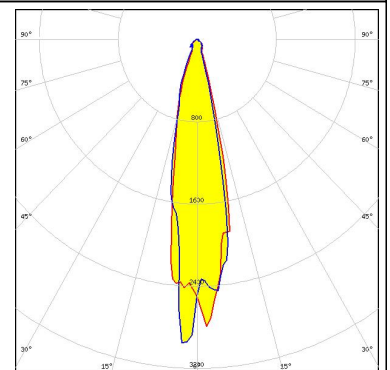
LUMILEDS

LED LUXEON K12
 FWHM 19.0°
 Efficiency 68 %
 Peak intensity 4.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



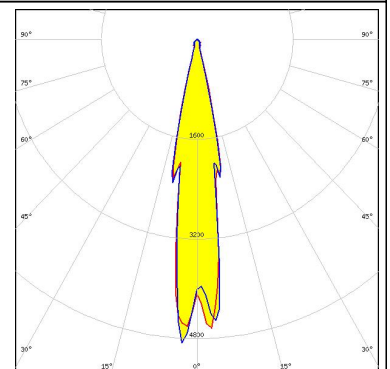
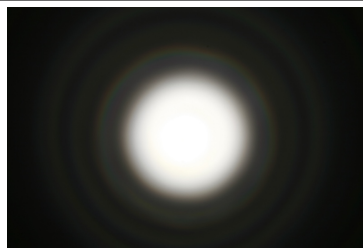
LUMILEDS

LED LUXEON K16
 FWHM 22.0°
 Efficiency 67 %
 Peak intensity 3.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LUMILEDS

LED LUXEON K8
 FWHM 15.0°
 Efficiency 69 %
 Peak intensity 5.000 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.

Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.

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)