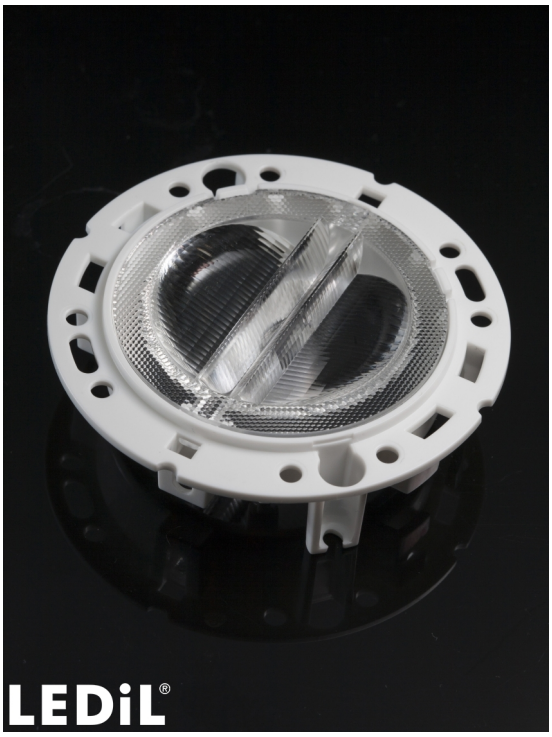
RONDA-ZT45-B

Double asymmetric beam for wall-washing and aisle lighting with holder B compatible with 3rd party connectors from BJB, IDEAL and Stucchi



TECHNICAL SPECIFICATIONS:

Dimensions	Ø 69.9 mm
Height	15.4 mm
Fastening	screw
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
F15159_RONDA-ZT45	Single lens	PMMA	clear	
F15586_RONDA-HLD-B	Holder	PC	white	

ORDERING INFORMATION:

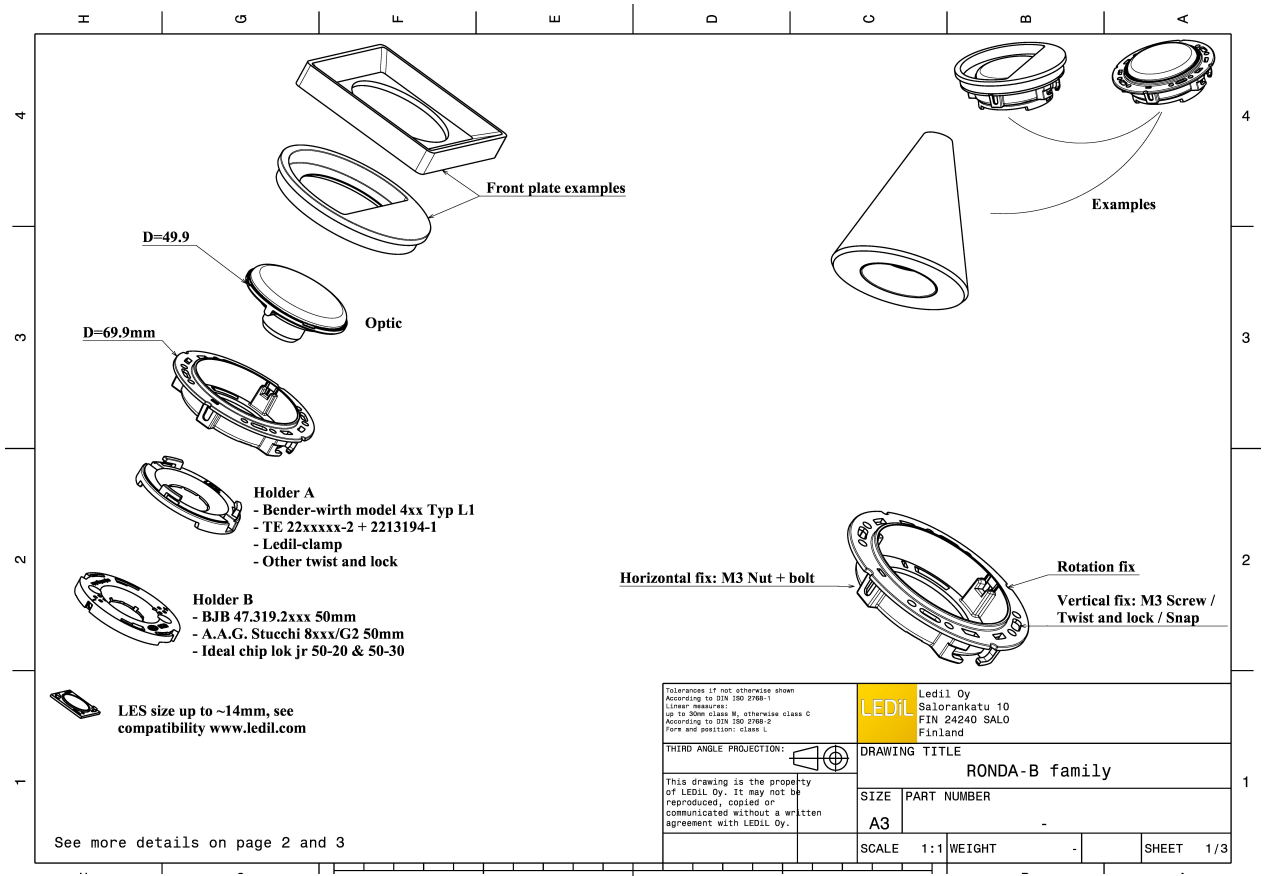
Quantities for one set:

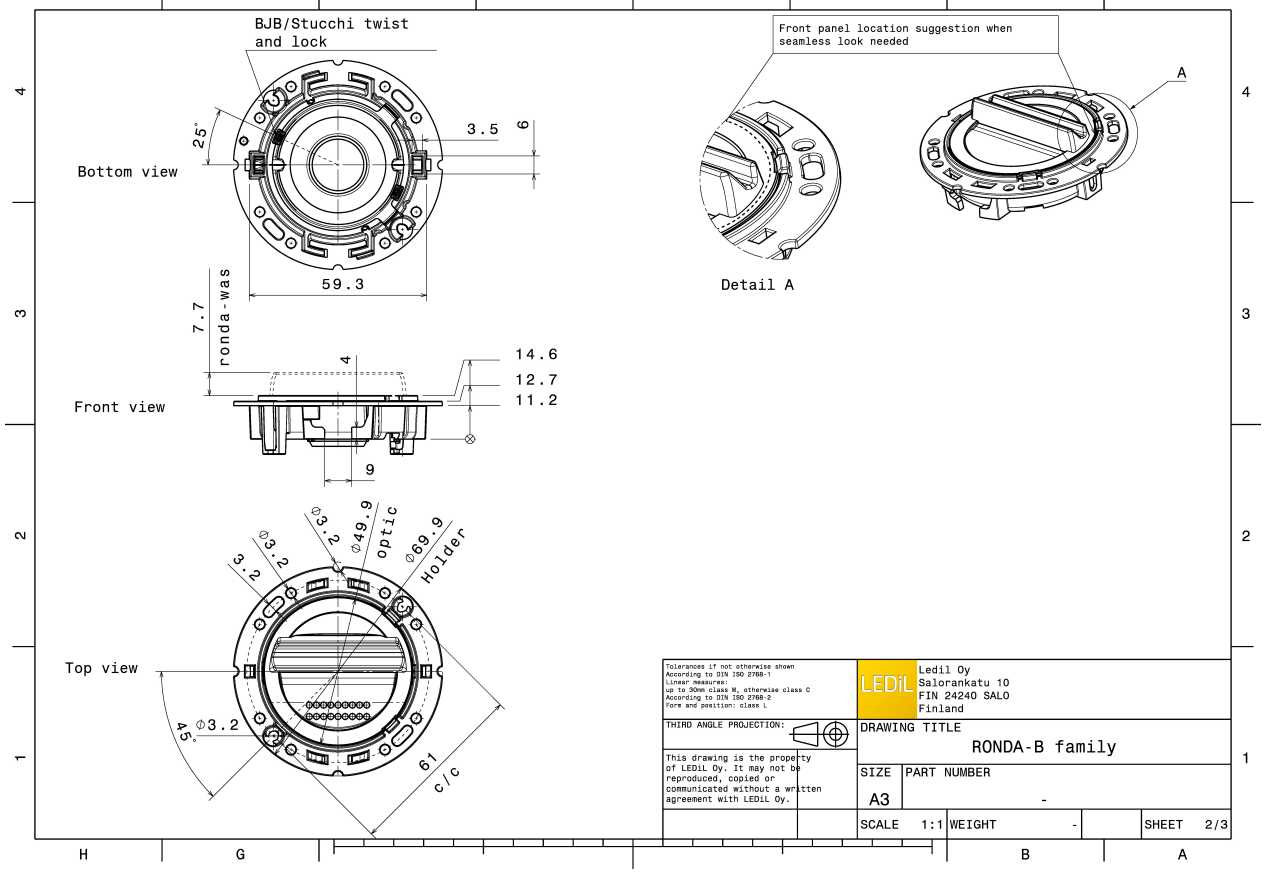
Single lens	1
Holder	1

LEDiL is a registered trademark of LEDiL Oy in the European Union, USA, and certain other countries.

Component		Qty in box	MOQ	MPQ	Box weight (kg)
F15159_RONDA-ZT45 » Box size: 480 x 280 x 300 mm	Single lens	420	120	30	6.5
F15586_RONDA-HLD-B » Box size: 480 x 280 x 300 mm	Holder	420	120	30	4.4

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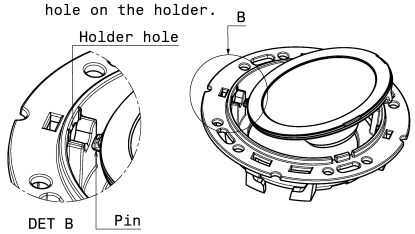




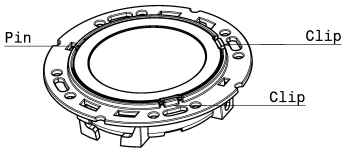
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OPTIC/HOLDER ASSEMBLY

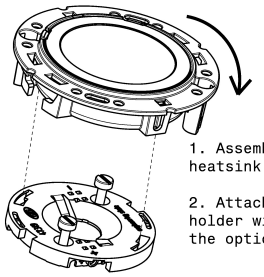
1. Place pin on the side of the lens into relative hole on the holder.



2. Press the lens under clips on the holder, ensuring both clips are fixed.



TYPICAL CONNECTOR ASSEMBLY (including solderless BJB 47.319.2xxx 50mm as example)



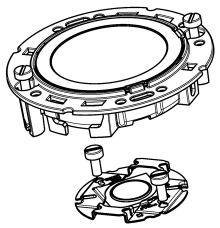
1. Assemble LED and BJB connector on heatsink with M3 screw.

2. Attach optic by aligning hooks in the holder with connector holes and turning the optic holder clockwise until it locks.

TYPICAL CONNECTOR ASSEMBLY (including solderless IDEAL chip lok jr 50-20 as example)

1. Assemble LED and IDEAL connector on heatsink with M3 screw.

2. Attach optic by aligning the screw towers in the holder with relative holes in heatsink. Optionally use 2 position pins in the holder bottom as focus element.



Tolerances if not otherwise shown According to DIN ISO 2768-1 Linear measures: up to 30mm class H, otherwise class C According to DIN ISO 2768-2 Form and position: class L	LEDiL	Ledil Oy Salorankatu 10 FIN 24240 SALO Finland
THIRD ANGLE PROJECTION:	DRAWING TITLE	RONDA-B family
This drawing is the property of LEDiL Oy. It may not be reproduced, copied or communicated without a written agreement with LEDiL Oy.	SIZE A3	PART NUMBER -
	SCALE 1:1	WEIGHT - SHEET 3/3

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

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PHOTOMETRIC DATA (MEASURED):

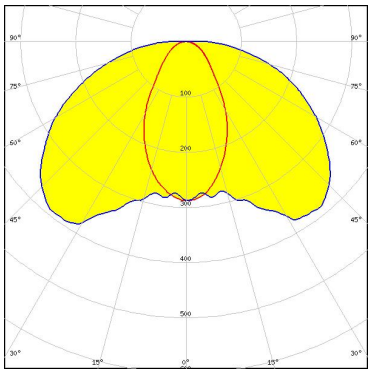
bridgelux

LED	V13 Gen7
FWHM / FWTM	Asymmetric
Efficiency	89 %
Peak intensity	0.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

BJB: 47.319.2021



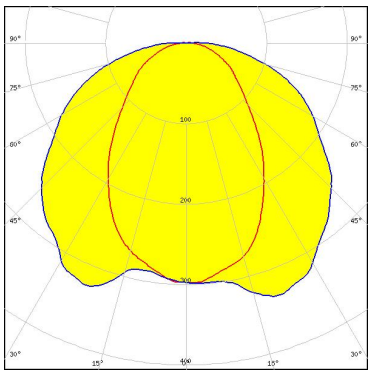


CITIZEN

LED	CLL04x/CLU04x
FWHM / FWTM	Asymmetric
Efficiency	85 %
Peak intensity	0.3 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

BJB: 47.319.2030



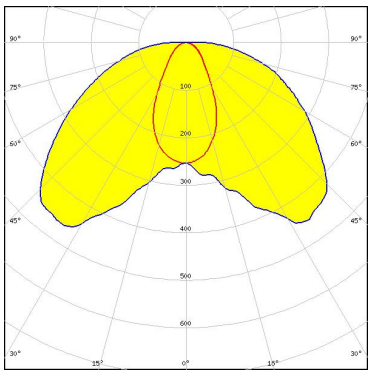
CREE LED

LED	CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM / FWTM	Asymmetric
Efficiency	90 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

BJB: 47.319.2131





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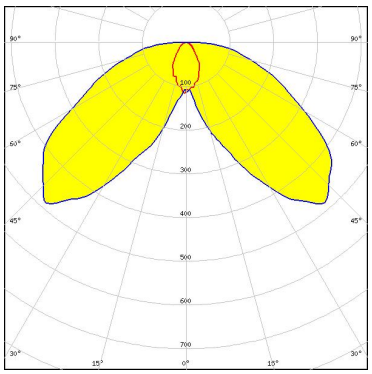
PHOTOMETRIC DATA (SIMULATED):

bridgelux

LED	H12
FWHM / FWTM	Asymmetric
Efficiency	83 %
LEDs/each optic	1
Light colour	White
Required components:	
BJB: 47.319.2131	

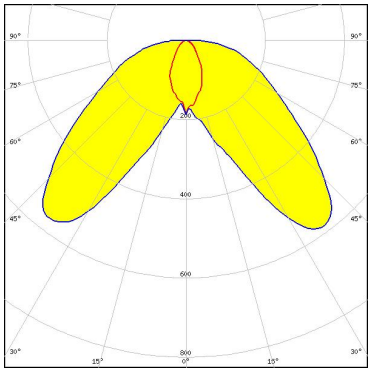
bridgelux

LED	V10 Gen7
FWHM / FWTM	Asymmetric
Efficiency	83 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
IDEAL: 50-2002CT	



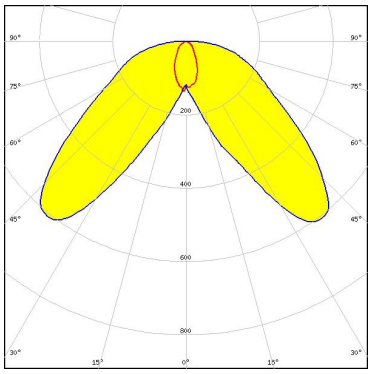
CITIZEN

LED	CLL02x/CLU02x (LES10)
FWHM / FWTM	Asymmetric
Efficiency	87 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
IDEAL: 50-2002CT	



CREE LED

LED	CXA/B 15xx
FWHM / FWTM	Asymmetric
Efficiency	87 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
IDEAL: 50-2001CR	

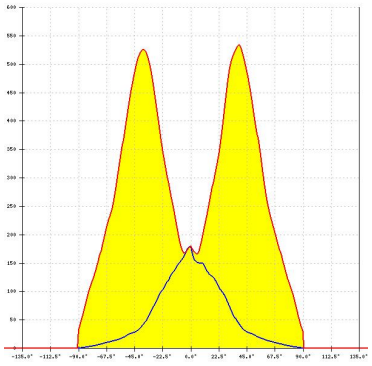


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PHOTOMETRIC DATA (SIMULATED):

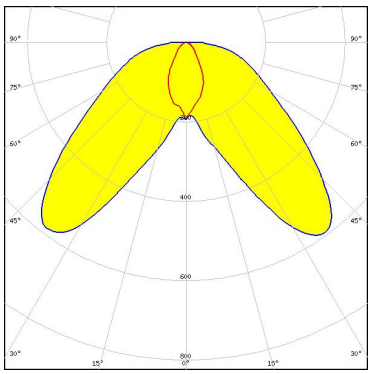
CREE LED

LED	CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM / FWTM	Asymmetric
Efficiency	87 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
IDEAL: 50-3001CR	



SHARP

LED	Mini Zenigata (GW6BM)
FWHM / FWTM	Asymmetric
Efficiency	86 %
Peak intensity	0.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
IDEAL: 50-2000P	



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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.

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