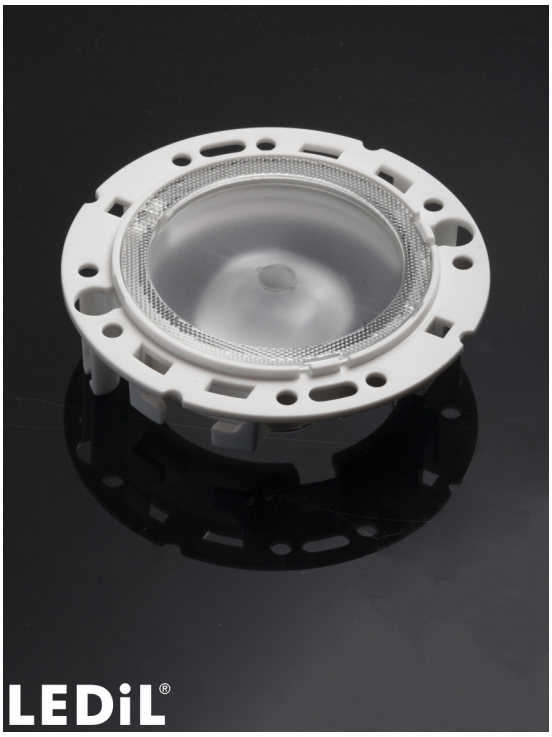
RONDA-REC-90-B

~80°+80° rectangular beam with holder B compatible with 3rd party connectors from BJB, IDEAL and Stucchi



TECHNICAL SPECIFICATIONS:

Dimensions	Ø 69.9 mm
Height	14.6 mm
Fastening	screw
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
F15788_RONDA-REC-90	Single lens	PMMA	clear	
F15586_RONDA-HLD-B	Holder	PC	white	

ORDERING INFORMATION:

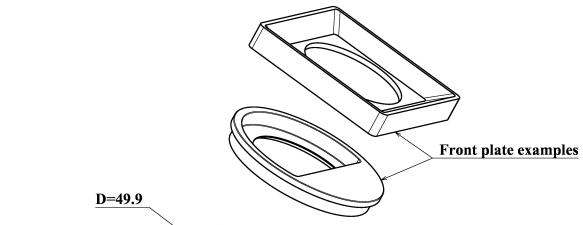
Quantities for one set:

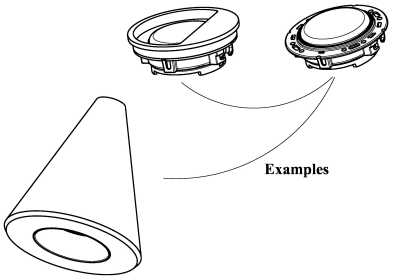
Single lens	1
Holder	1

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)
F15788_RONDA-REC-90 » 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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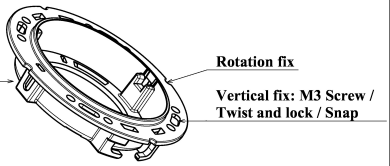
Holder A
- Bender-wirth model 4xx Typ L1
- TE 22xxxxx-2 + 2213194-1
- Ledil-clamp
- Other twist and lock



Holder B
- BJB 47.319.2xxx 50mm
- A.A.G. Stucchi 8xxx/G2 50mm
- Ideal chip lok jr 50-20 & 50-30

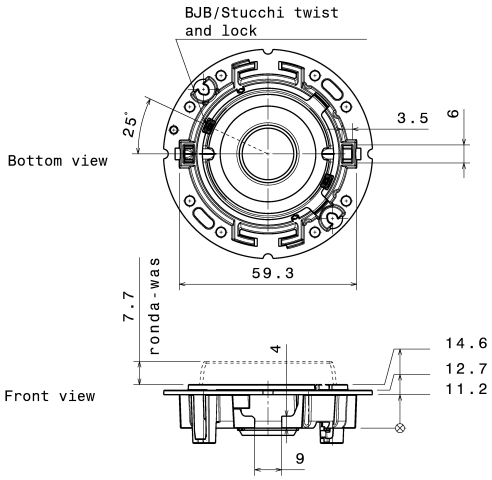


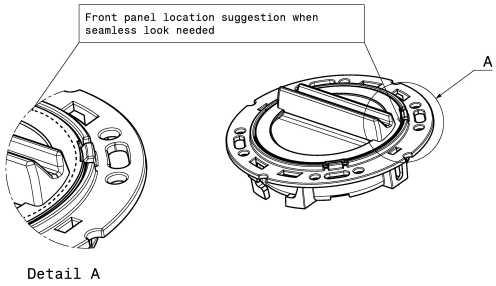
LES size up to ~14mm, see compatibility www.ledil.com



See more details on page 2 and 3

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 1/3



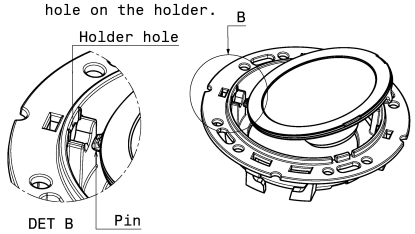


Tolerances if not otherwise shown According to DIN ISO 2768-1 Linear measures: up to 30mm class H, otherwise class C According to DIN ISO 2768-2 Form and position: class L	LEDiL	Ledil Oy Salorankatu 10 FIN 24240 SALO Finland
THIRD ANGLE PROJECTION:	DRAWING TITLE	RONDA-B family
This drawing is the property 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 2/3

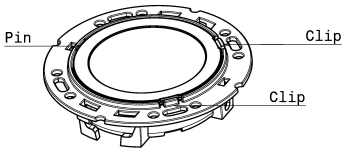
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OPTIC/HOLDER ASSEMBLY

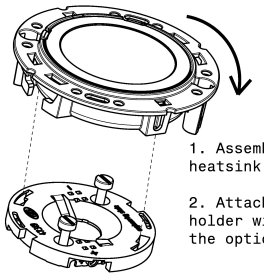
1. Place pin on the side of the lens into relative hole on the holder.



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)



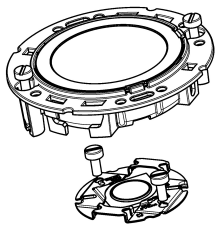
1. Assemble LED and BJB connector on heatsink with M3 screw.

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

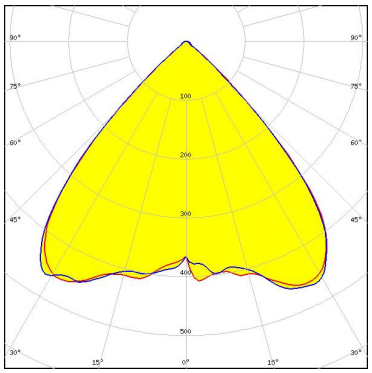
See also our general installation guide: www.ledil.com/installation_guide

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PHOTOMETRIC DATA (SIMULATED):

bridgelux

LED	V10 Gen7
FWHM / FWTM	81.0° / 98.0°
Efficiency	85 %
Peak intensity	0.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
IDEAL: 50-2002CT	



CREE LED

LED	CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM / FWTM	90.0°
Efficiency	90 %
LEDs/each optic	1
Light colour	White
Required components:	
BJB: 47.319.2131	

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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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