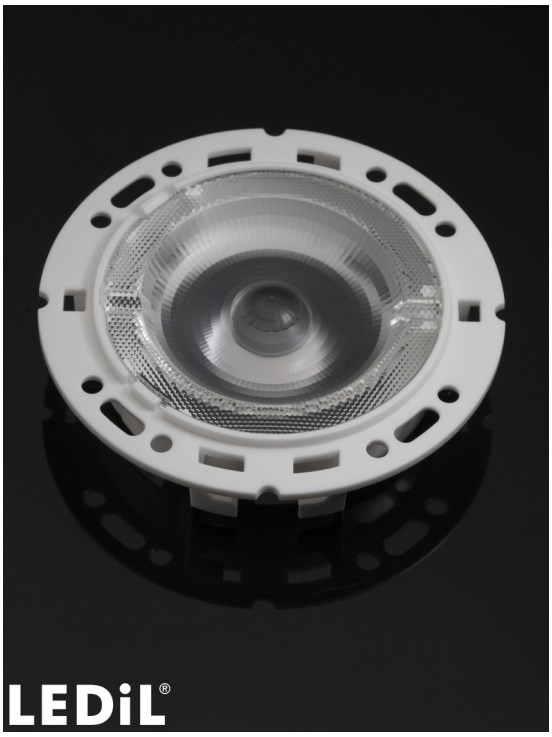
RONDA-W-B

~45° wide 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
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
F15443_RONDA-W	Single lens	PMMA	clear	
F15586_RONDA-HLD-B	Holder	PC	white	

ORDERING INFORMATION:

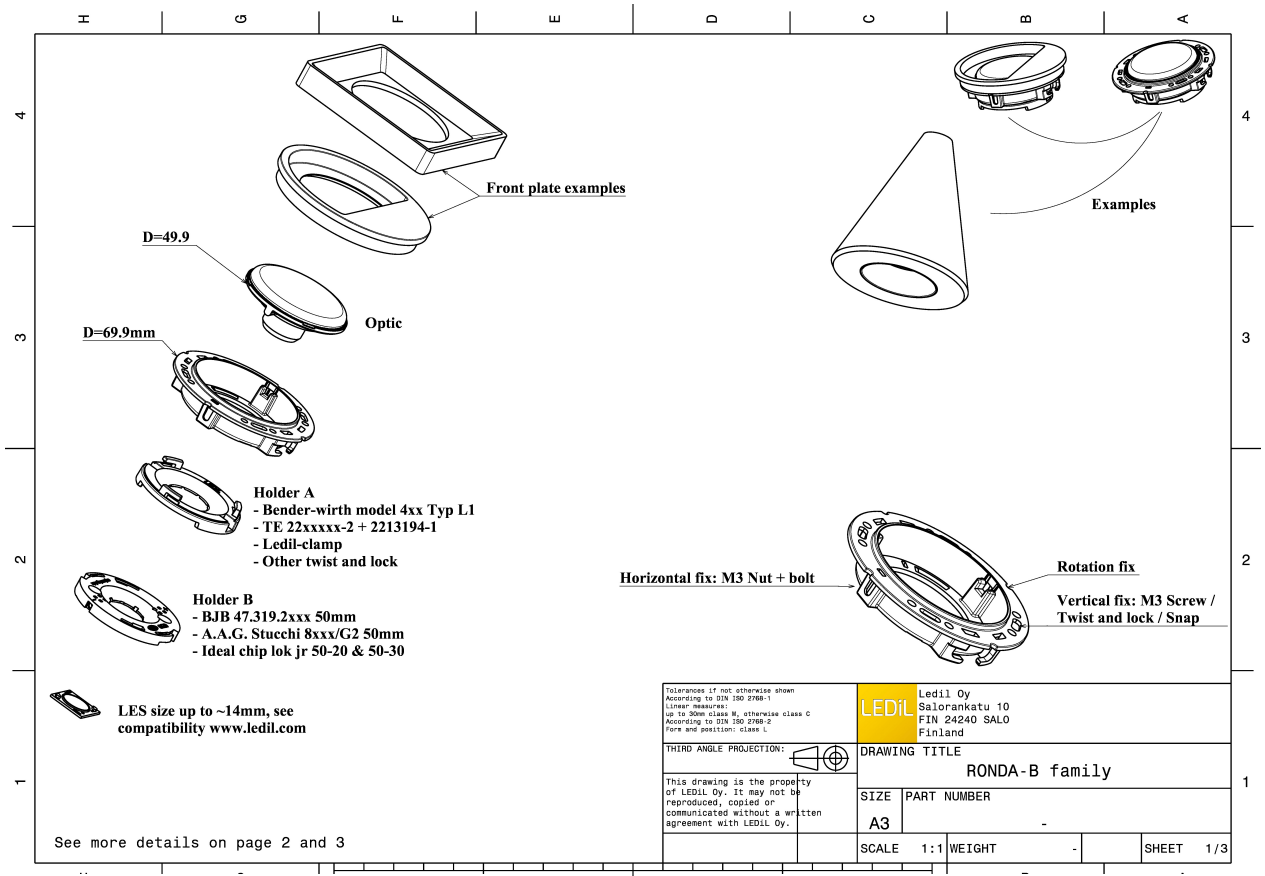
Quantities for one set:

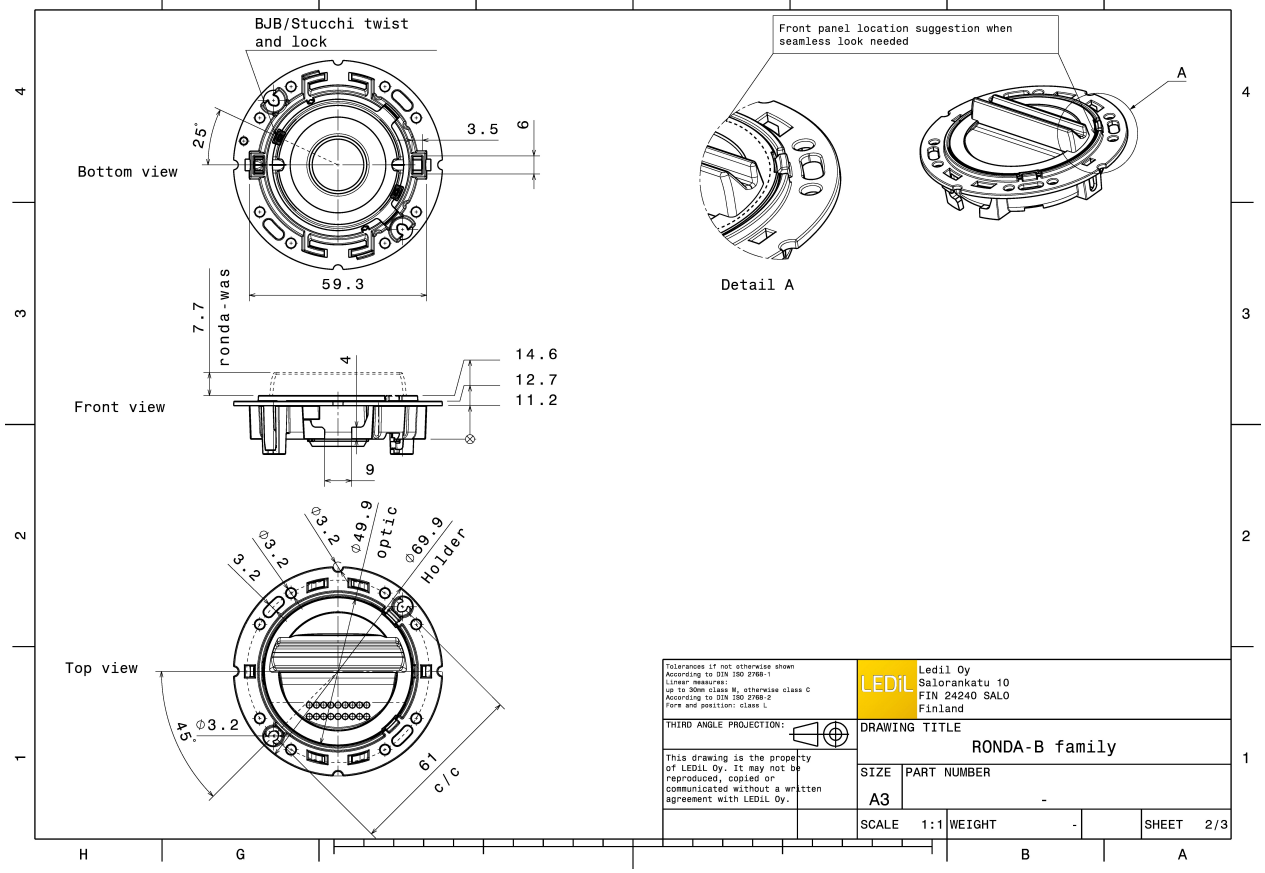
Single lens	1
Holder	1

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Component		Qty in box	MOQ	MPQ	Box weight (kg)
F15443_RONDA-W » Box size: 480 x 280 x 300 mm	Single lens	420	120	30	5.5
F15586_RONDA-HLD-B » Box size: 480 x 280 x 300 mm	Holder	420	120	30	4.4

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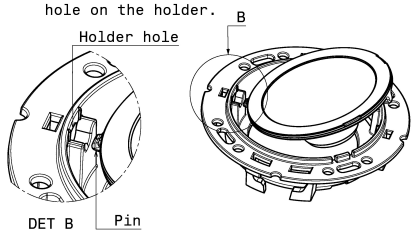




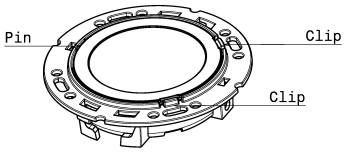
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OPTIC/HOLDER ASSEMBLY

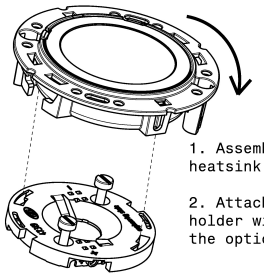
1. Place pin on the side of the lens into relative hole on the holder.



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)



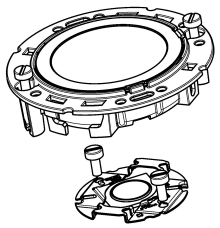
1. Assemble LED and BJB connector on heatsink with M3 screw.

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

THIRD ANGLE PROJECTION:

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Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE
RONDA-B family

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):

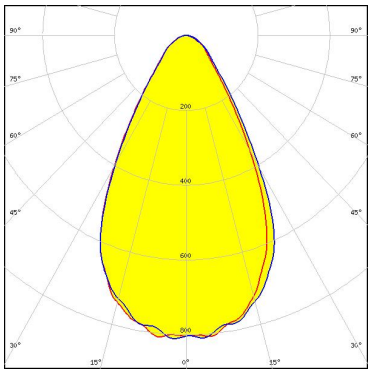
bridgelux

LED	V13 Gen7
FWHM / FWTM	59.0° / 101.0°
Efficiency	90 %
Peak intensity	0.8 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

BJB: 47.319.2021





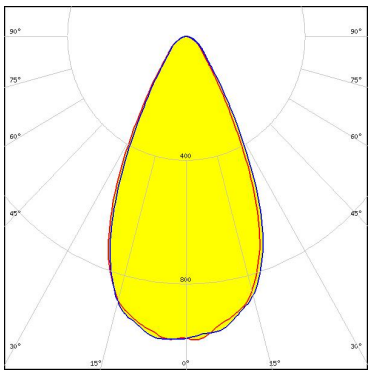
CREE LED

LED	CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM / FWTM	53.0° / 88.0°
Efficiency	90 %
Peak intensity	1 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

BJB: 47.319.2131





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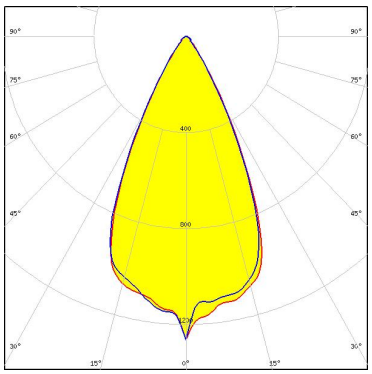
PHOTOMETRIC DATA (SIMULATED):

bridgelux

LED	H12
FWHM / FWTM	49.0°
Efficiency	84 %
LEDs/each optic	1
Light colour	White
Required components:	
BJB: 47.319.2131	

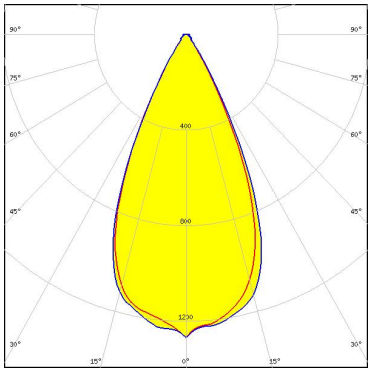
bridgelux

LED	V10 Gen7
FWHM / FWTM	51.0° / 72.0°
Efficiency	86 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
IDEAL: 50-2002CT	



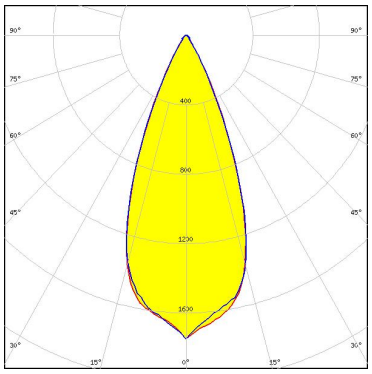
CITIZEN

LED	CLL02x/CLU02x (LES10)
FWHM / FWTM	50.0° / 70.0°
Efficiency	86 %
Peak intensity	1.3 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
IDEAL: 50-2002CT	



CREE LED

LED	CXA/B 15xx
FWHM / FWTM	42.0°
Efficiency	88 %
LEDs/each optic	1
Light colour	White
Required components:	
IDEAL: 50-2001CR	



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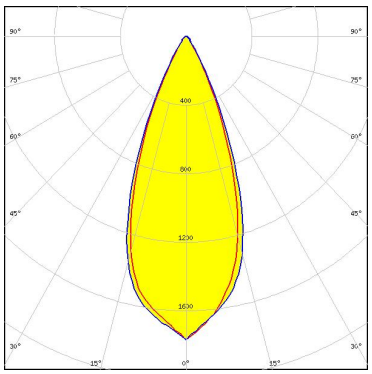
PHOTOMETRIC DATA (SIMULATED):

CREE LED

LED	CXA/B 1816 & CXA/B 1820 & CXA 1850
FWHM / FWTM	48.0°
Efficiency	89 %
LEDs/each optic	1
Light colour	White
Required components:	
IDEAL: 50-3001CR	

SHARP

LED	Mini Zenigata (GW6BM)
FWHM / FWTM	40.0°
Efficiency	89 %
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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