

AL-RO52
AB-RO52
17-DURIS

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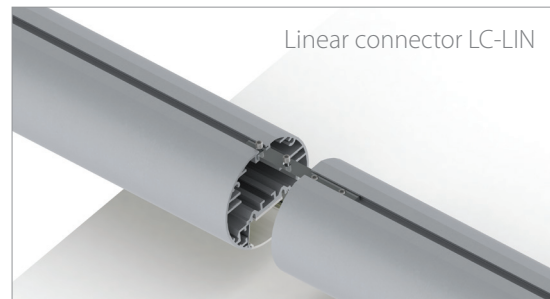
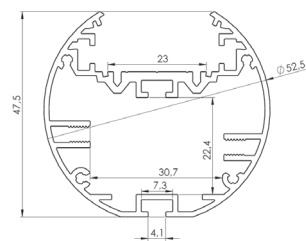


Aluminum end caps
EC-RO52-H1, EC-RO52-H2

ALU ROUND 52 LED PROFILE

AL-RO52; ø52 mm

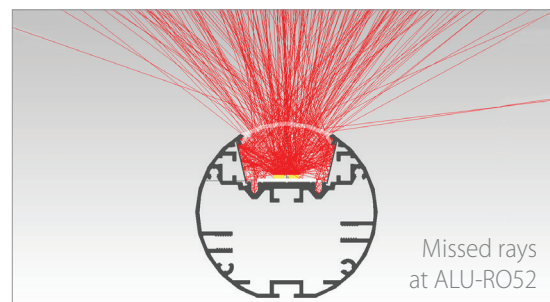
It is a new round profile made of anodised aluminum, designed for mounting LED light sources. The diameter is 52mm & it allows the use of strips with a width of 20mm made in the Zhaga standard (contoured channels for mounting screws), as well as hiding inside a linear power supply with standard dimensions of 30x21mm. Thanks to a sufficiently large heat transfer surface, it was also possible to reduce the weight of the profile. It can be safely used for high power LED strips (36W/m) not exceeding the temperature of 45 degrees Celsius (ambient temperature 25 degrees C). High stiffness of the profile allows for use also for construction purposes (illuminated frames, hangers in cabinets, etc.). In addition, ALU-ROUND52 looks modern and professional. It can be combined into long suspended lines and also connected at an angle of 90 degrees. Depending on the place of application, we offer our clients two types of UV & damage resistant covers: matt and transparent. In addition, the ALU ROUND52 is equipped with a reflector thanks to which the luminance of the lens is aligned and the luminaire is improved by 10-18% depending on the light source. This modern looking profile can be used as hanging lighting, artistic lighting and lighting up stores.



Linear connector LC-LIN



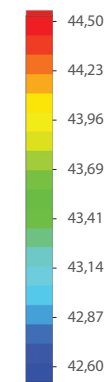
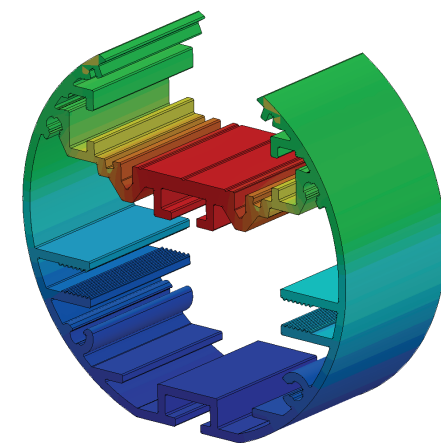
90° degree connector
90LC-HOR



Missed rays
at ALU-RO52

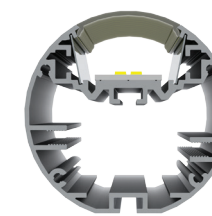


90° degree connector
90LC-HOR



Temperature (Solid) [°C]

Temperature ambient: 25°C
Total power: 36W/m (72 LEDs)
LED stripe: 17-DURIS
Installation mode for test purpose: pendant

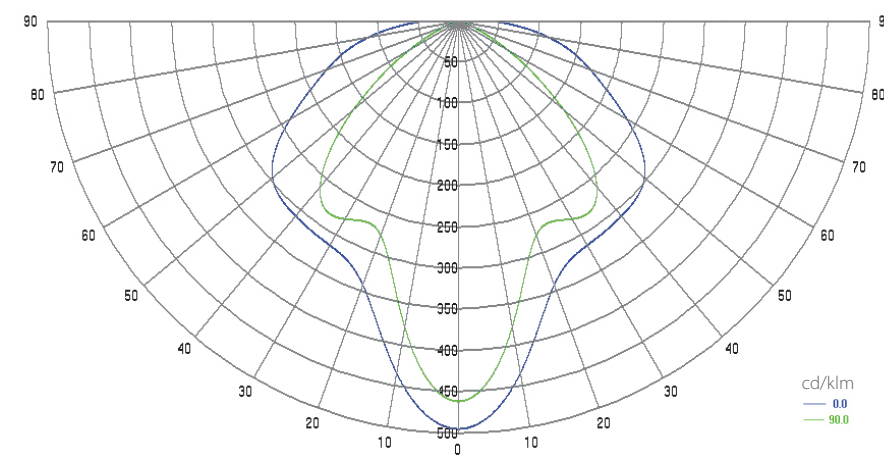


Cross section view
AL-RO52



AL-RO52
AB-RO52

Polar Candela Distribution Plot
Using Missed Rays



Installation of the Alu Round 52 profile in the Wardrobe

