

BARdolino Midi aluminium profile Angolo

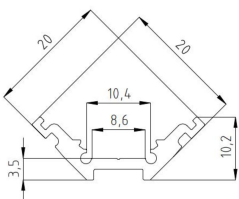
- high-quality LED corner profile made of aluminum, anodized, natural tone or black
- specially designed for corner constructions thanks to its compact design and low build height
- optimized for versatile applications in furniture, store and trade fair construction; can be integrated in a inconspicuous way depending on the application
- in combination with the opal white diffusers and the compatible LEDlight flex*, a homogeneous light line is possible
- RAL powder coating on request



Please refer to the notes on expansion and assembly at the end of the data sheet!

ALUMINIUM PROFILE

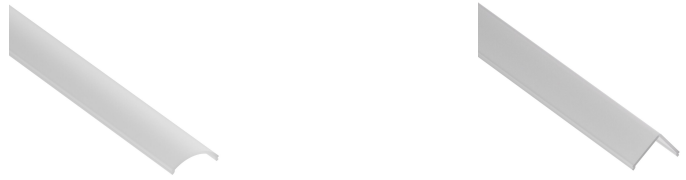
	62378051	62378052	62378053	62378055	62378081	62378082	62378083
Colour	aluminium	natur			black		
Length	1000 mm	2010 mm	3020 mm	5030 mm	1000 mm	2010 mm	3020 mm
Width	20 mm						
Height	20 mm						
Material	Aluminium EN AW 6060						
Finish	anodised						



COVER

	62378061	62378071
Description	BARdolino Midi Angolo cover round, PMMA, opal white	BARdolino Midi Angolo cover rectangular, PMMA, opal white
Material	PMMA	
Transmission in %	69	
Length	1000 mm	
Width	18 mm	
Height	18 mm	

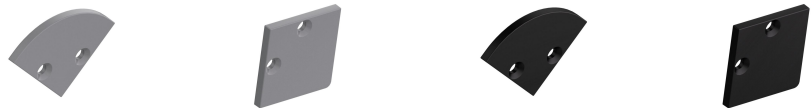
For other lengths please replace the last digit of the article number by: 2 = 2.01m / 3 = 3.02m / 5 = 5.03m



END CAPS

	62378057	62378058	62378067	62378068
Description	BARdolino Midi Angolo end cap set, plastic, round, gray	BARdolino Midi Angolo end cap set, plastic, rectangular, gray	BARdolino Midi Angolo end cap set, plastic, round, black	BARdolino Midi Angolo end cap set, plastic, rectangular, black
Material	plastics			
Colour	gray RAL7035		black	
Length	2 mm			
Width	20 mm			
Height	20 mm			

Note: The screws for the end caps must be placed and screwed in at a right angle (90°) to the screw channel and may only be screwed in with a max. tightening torque of 0.35 Nm to prevent the screw head from unscrewing or the screw from overtightening (recommended bit PH1).



MOUNTING CLIPS

	62378059
Description	BARdolino; Midi Angolo mounting clip set, 304 stainless steel
Material	316L stainless steel
Length	20 mm
Width	23 mm
Height	7,8 mm



All aluminium profiles and covers are subject to certain length tolerances. This is +20/-0 mm irrespective of the length, i.e. a profile has at least the specified length, but can be up to 20 mm longer.

If you require an exact length, please specify this when ordering (article number 62397000).

Please note that the materials aluminum and PMMA can expand when the temperature changes vary greatly. With a temperature change of 20°C the expansion difference can be up to 1.2 mm per meter! This is no deficiency of the product but a normal physical process.

Installation note: If you directly install two aluminum profiles edge to edge (without end caps), please pay attention during installation, that you don't glue the LED strip directly over the joint, since the profiles at temperature fluctuations - especially at large lengths - will expand/contract (s. section 1) and then the LED tape may be damaged. At joints the LED strip has to be cut at the marked positions and reconnected with flexible solder bridges with corresponding expansion reserve (min. 5mm).

Intended Use

Profile:

- The LED profiles are a component for the reception of LED strips approved for this purpose. In combination with optional accessories such as covers, end caps, inserts, etc., LED luminaires can be produced which are used exclusively for general lighting or accent lighting and therefore do not serve emergency or safety lighting in particular.
- The assembly is carried out via appropriate holders or suspensions, which are offered as accessories. For brackets we recommend 3 brackets per running meter. The profiles are designed for mounting on a stable and straight surface. Depending on the substrate and local conditions, a higher number of brackets may be required and/or the installation material supplied (screws/plugs) must be replaced with suitable mounting material. The brackets must not be bent during assembly, as this has an influence on the holding force. It may not be possible to use the holders provided. Alternatively, the profile can be screwed directly to the substrate. In any case, the installer must ensure that the system is held securely.
- Make sure that the profile expands due to thermal influences. Sufficient space must be kept available for this purpose..
- The mounting instructions for the LED strips and power supplies must be viewed separately.
- The profile is to be used exclusively for the above shown installation situations.

Covers:

- All plastic covers made of PMMA have first-class photometric properties, but are very brittle due to the material, which means that the cover can splinter when subjected to mechanical influences (bending, sawing, other processing). There is a risk of injury, wear safety glasses and gloves! Plastic covers made of PC are not affected.
- PMMA or PC have a higher coefficient of thermal expansion than aluminium. This means that light slits may appear at the joints and terminations of the plastic covers, especially when the unit is not yet at operating temperature..
- To ensure that the cover is held securely, it must be clipped into the holding groove provided for this purpose along its entire length. In any case, the installer must ensure that the system is held securely.
- Alcoholic detergents remove plasticizers from the plastic profiles, which means that they lose their flexibility and can form cracks even when installed. We recommend cleaning only with a damp (clear water), soft cloth.

Accessories (end caps, holders, etc.):

- An LED profile and its accessories are not toys - these components may only be operated by persons who can assess the risks involved in handling them. There is a danger of swallowing small parts.

NOTES

Press marks or slight scratches on profiles are production-related and do not constitute a defect.

In addition, contact points may occur in the middle area of the profiles (>3m) due to anodizing.

Loose, wipeable impurities may appear on the aluminum and plastic profiles. This is due to the production and its handling and does not represent a defect. We generally recommend cleaning the profiles with a soft, lint-free cloth (if necessary with a little clear water) before installation. The LED bonding surface must also be free of grease to ensure good adhesion of the LED strip. Corresponding information can be found in the instructions for the LED strips.

The guarantee period for the product is 5 years and begins on the day of shipment. Reference is the date of the delivery bill. The guarantee period may differ for accessories.