TCO
SHADING



FOLDINGARMAWNING

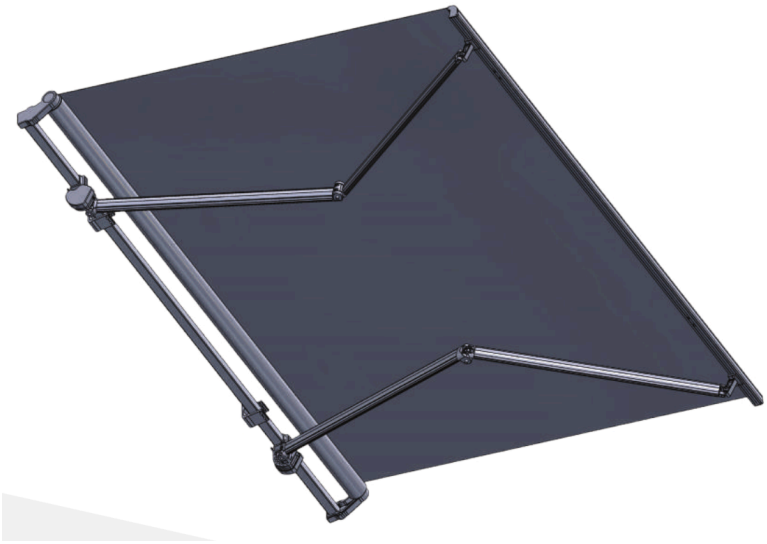
TCO AXON

Folding-arm awning on a 40 × 40 bar (monoblock)

Projection 1.60 – 3.50 m | **Wind Class 2** | **Casting · Profile · Lux**

General characteristics

The bar awning is the most popular shading solution: arms and roller sit on a **40 × 40 mm bar** (monoblock), fixed to the wall or ceiling with just a few brackets. Its sturdy, minimal build **hides façade irregularities** and is made **to the size of your space**, with **Standard or Heavy Duty Chain** arms up to **3.50 m** projection.



40 × 40 bar
Monoblock, on wall or ceiling with few brackets.

3 arm types
Standard up to 3.00 · Heavy Duty Chain up to 3.50 m.

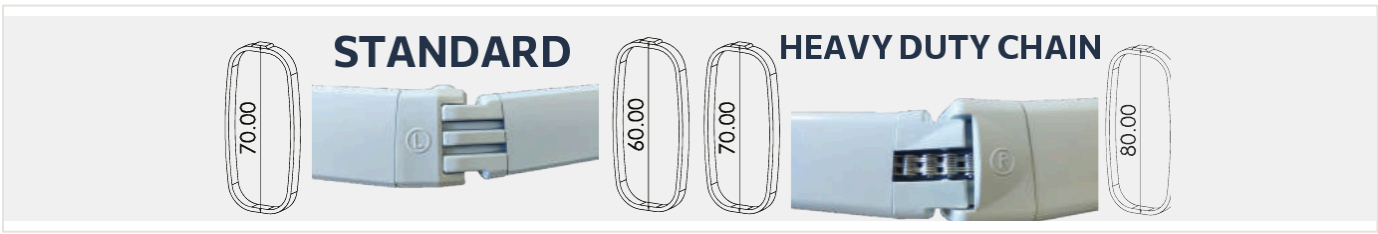
Casting · Profile · Lux
Three mechanism versions; Lux with hood.

Wind Class 2
Heavy-duty arms with cables or stainless chain.

LED lighting
Built into LED arms.

Manual or motorised
Crank or 40 – 120 Nm motor.

Arms & colours



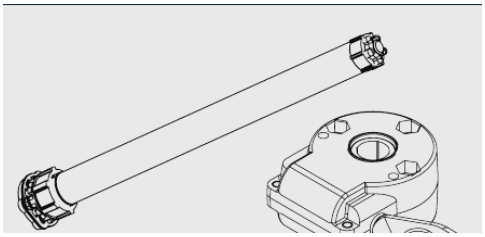
Arms in white at no extra cost · other RAL colours on request (powder coating).

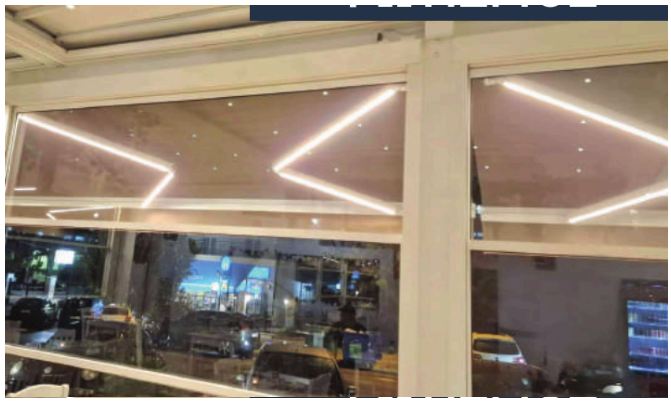
Operation & specifications

Operation

The awning is operated **manually** by a gear (ratio 1/11 to 1/17) or **by an electric motor** of 40 – 120 Nm inside the roller. It mounts on a **wall or ceiling** with bar brackets, and in the **Lux** version with an aluminium hood that protects the fabric.

- Manual with crank (gear 1/11 – 1/17)
- Electric motor 40 – 120 Nm
- LED lighting in LED arms





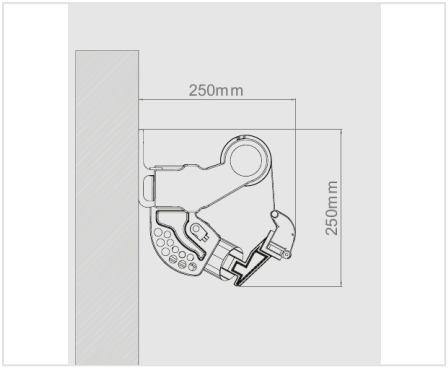
Lighting · With **LED** arms the LED strip is built into the arm profile along its full length, with on/off or dimmer.

Technical specifications

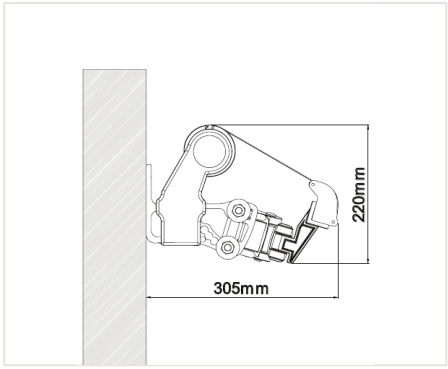
Type	Folding-arm awning on a bar
Bar	40 × 40 × 2 mm (monoblock)
Arms	**Standard 1.80 – 3.00 · Heavy Duty Chain 1.80 – 3.50 m**
Mechanism	**Casting 250 × 250 · Profile 305 × 220 · Lux 235 × 300 mm (Lux: Heavy Duty Chain up to 3.00 m)**
Wind resistance	Wind Class 2
Mounting	Wall or ceiling, with bar brackets
Operation	Crank (1/11 – 1/17) or motor 40 – 120 Nm
Lighting	LED in LED arms (optional)
Colours	White at no extra cost · other RAL on request
Roller	Ø80 mm
Origin	Greece

Technical drawings

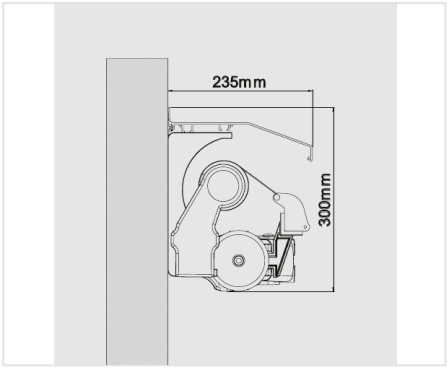
Mechanism dimensions



Monoblock Casting · 250 × 250 mm

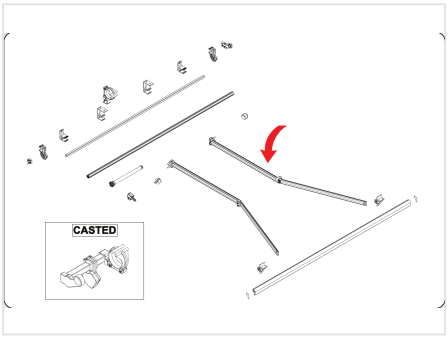


Monoblock Profile · 305 × 220 mm

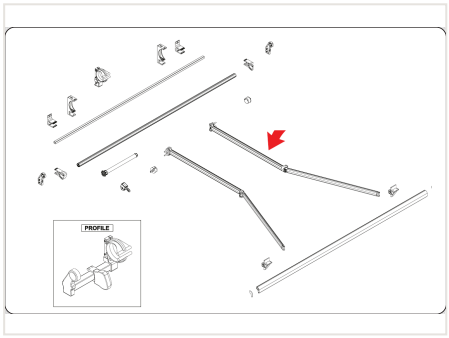


Monoblock Lux · 235 × 300 mm

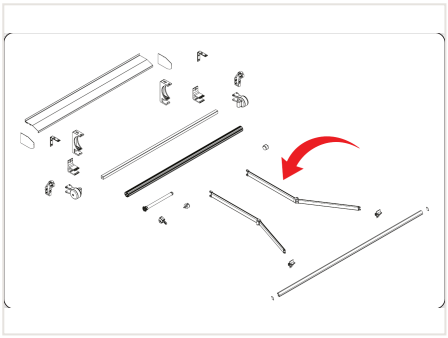
System overview



Casting

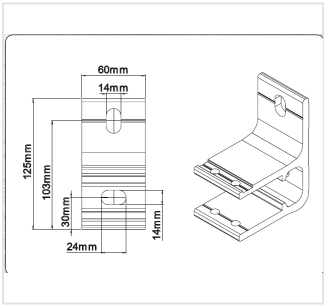


Profile

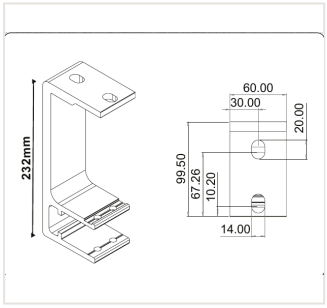


Lux

Mounting brackets



Wall bracket, 40 × 40 bar



Ceiling bracket, 40 × 40 bar

Minimum awning width for one pair of arms

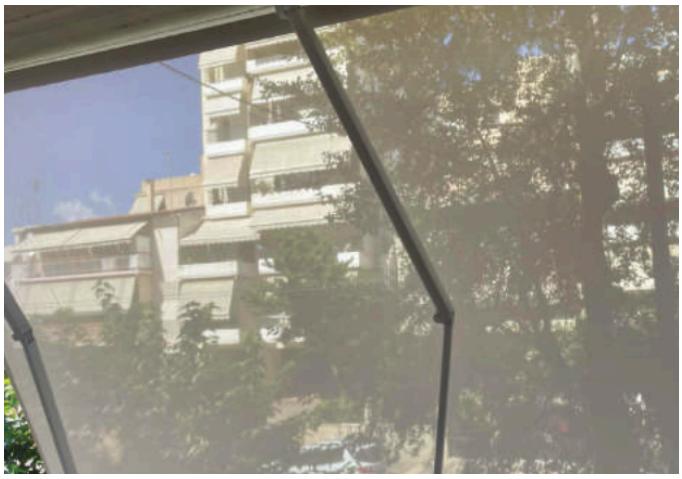
Projection (cm)	180	200	220	250	300	350	400
Minimum axle (cm)	210	240	267	304	339	379	430



The awning in 3D, as we design it for your quote.



The Lux version with hood.



With perforated fabric: shade with a view and airflow.

5 YEARS

5-year warranty

On all our products.

Delivery to Switzerland, Belgium and the Netherlands. Installation is a separate service, by arrangement.

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