

Technilum[®]

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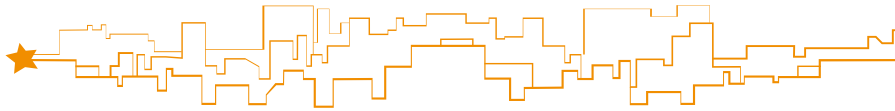
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Technilum[®] partners in urban enhancement



As much as the scenographic dimension of lighting, urban furniture itself immediately stands out within the urban environment.

Increasingly design oriented, convivial shapes and materials directly impact the general image of the location.

A close study of the surroundings will enable the project manager, urban planner, architect, landscaper and light designer to size the project.

From monumental projects to those of a far more modest dimension, a new model or an adaptation of one of our catalogue models will provide a tailor-made solution.

A durable trend in Technilum[®] furniture consists in creating multifunctional supports.

Lighting poles can thus be fitted with signs, benches, trash cans, camera supports...

Drawing inspiration from prescribers, Technilum[®] innovates with exclusive manufacturing processes providing the guarantee of a perfect finish.

Check out our latest creations on line, in the News and Catalogue sections of our website www.technilum.com

Technilum[®] is member of "Syndicat de l'éclairage" and affiliated with "l'Association des Concepteurs et Eclairagistes"





Mast accessories

The Technilum+ special feature

Most of our products allow masts to be accessorized, thus limiting the need for new developments and giving supports a multiple role.

A number of profiles in our range are equipped with functional external rails. The concept is in complete harmony with the idea of sustainable development. Indeed, using a number of attachment devices like gibs or plates, the rails allow additional projectors to be secured for highlighting, as well as a host of accessories : signposting for directions, police messages or tourist indications, pennant holding rods, plant pot support, baskets, camera arrays, loudspeakers, etc., with the ability to adjust height.

The device dispenses with the need to resort to additional products and materials from civil engineering.



+ Base plate cache

adaptable to all types of City Module® and Technalinox® masts

Small model for base plate 260 x 260 mm between axes 200 x 200 mm

Large model for base plate 400 x 400 mm between axes 300 x 300 mm

Single unit made of cast aluminium with finish ring machined to the diameter of the mast

This accessory allows plant containers to be set on the finished ground level; the pole can be removed without damaging the ground cover.



+ Trim

- . Made of two semi-shells with overlapping edges
- . Can be positioned on the tubular section of the mast

Small model adaptable to masts Ø 144 / 145 mm

Large model adaptable to masts Ø 175 / 180 mm



+ Flower container support

Adaptable to all types of City Module® masts

- . Single & double console
- . Straight console(s) Ø 60 mm supported by curved bracket(s) set at 90° attached to the mast by decorative rings
- . Flower container attachment device by double eye nuts
- . Possibility of watering





+ Camera support

- . Adaptable to all types of City Module masts
- . Combined with a dedicated power supply
- . Positioning at top of mast or on arm



+ Public announcement support

- . Combined with a dedicated power supply
- . Speaker cache made of cast aluminium (overall dimensions 220 x 220 x 80 mm)
- . Loudspeaker support mast applique



+ Electrical socket on mast

- Adaptable to all types of City Module® masts with 2 options :
- . Transparent or black external socket
 - . Internal socket hidden behind a special, interchangeable Access door 250 mm high at a height with cable passage



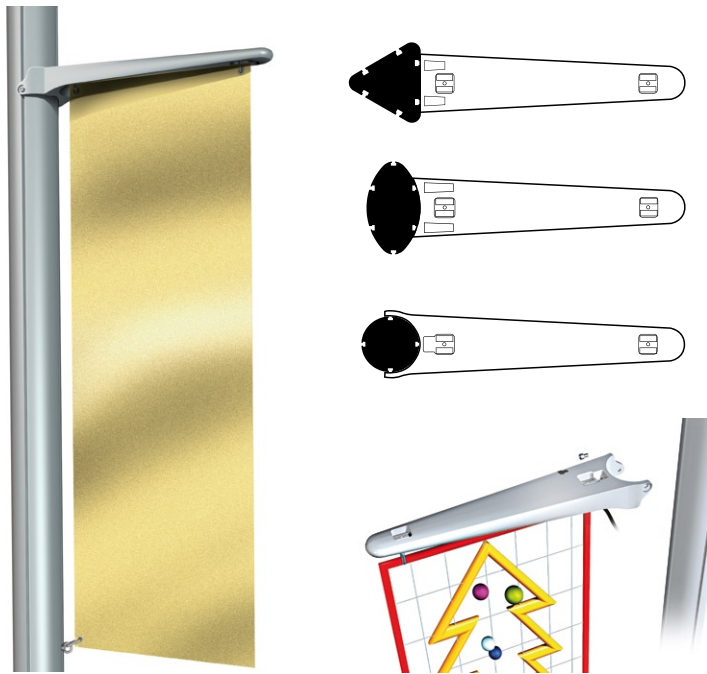
+ Attachment gib

. Adaptable on K (Ø140,160,200), Bermude and Octave profiles
 These multi-function gibs are made of forged stainless steel for all city signposting (directions, tourism and commercial, but also traffic lights and police instructions)



Photography Marc Dussault





+ Removable pennant support rod / illumination for grooved masts

- . Adaptable on K (Ø140, 160, 200), Bermude and Octave profiles
- . Single unit made of cast aluminium with location for clevises : between axes 550 mm
- . 3rd attachment point with clevis : height set on gib

This concept allows for easy removal of the rod when not in use



+ Signpost support

- . Floating signposting
Single or double for attachment of flags or pennants
Ø 60 mm arm connected to the mast by decorative rings
Attachment devices consisting of stainless steel eyelets or hems with detachable plug at the end of the arm
- . Fixed signposting (panels or casings)
Ø 60 mm arm connected to the mast by decorative or modular rings Ø 150 mm or 170 mm for attachment of panels.
Attachment of cross-through casing or applique casing

CAUTION : It is important to use polyester mesh type media for banners and kakemonos to let the wind flow freely and lengthen their lifetime by reducing stresses

+ Swivel projector support shims

- . Adaptable to K (Ø140, 160, 200), Bermude and Octave profiles
- . 2 models for orientation at 90° (+ / - 45°) or 180° (+ / - 90°) in addition to height adjustment of projector



+ Projector support devices

- . Shim mounted on gib, sliding in technical rails
- . Projector support frame made of 40x40mm cross-section tube and mounted as applique on the mast
- . . Water jet cut racket-shaped fixture. Projectors of up to 45 kg can be fitted.

Photographies Jean Yves Soetincq, Pierre Pichon et Charles Vicarini



+ Smarties

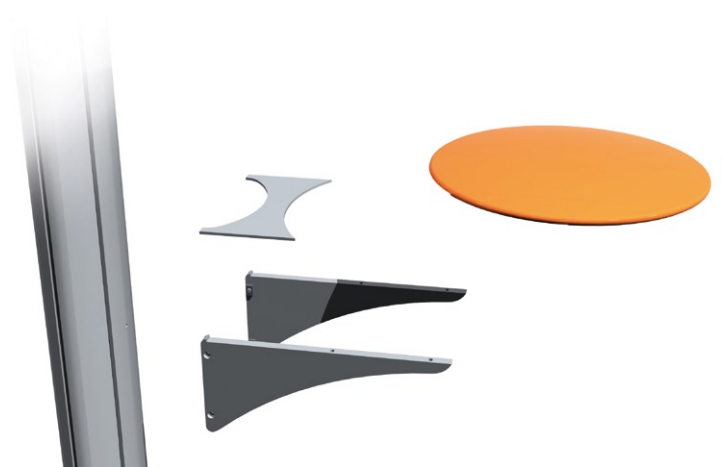
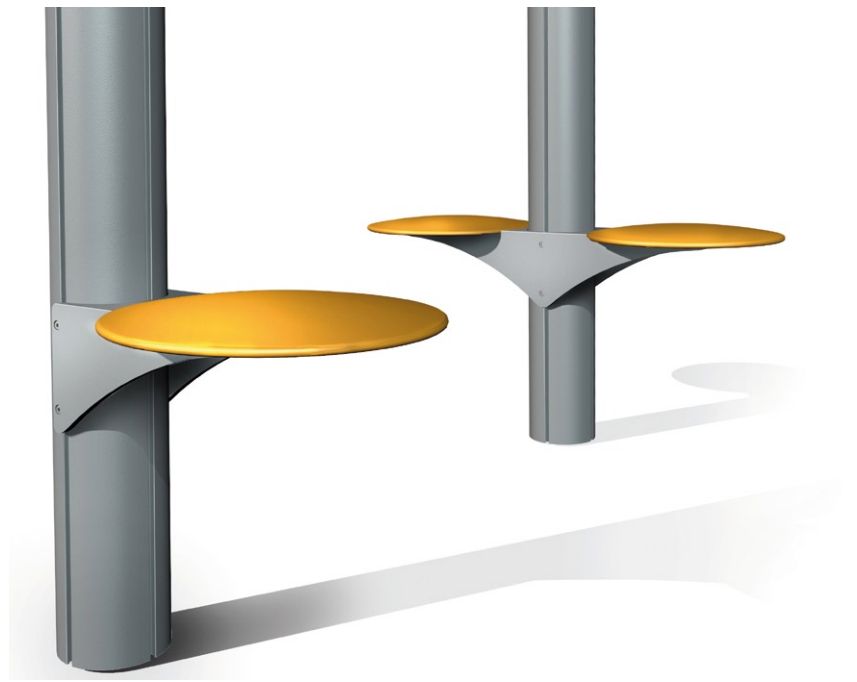
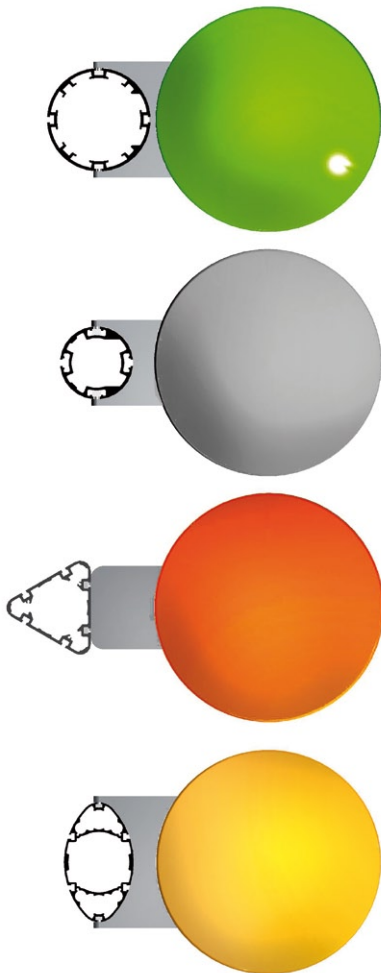
- . Seating Ø 436 mm
- . Single, double
- . Made of polyester resin reinforced with glass fiber
- . Painted into the solid structure with RAL colors
- . Mounted on aluminium sheet metal supports
- . Adaptable to the following profiles :

Structure K Ø 140

Structure K Ø 160

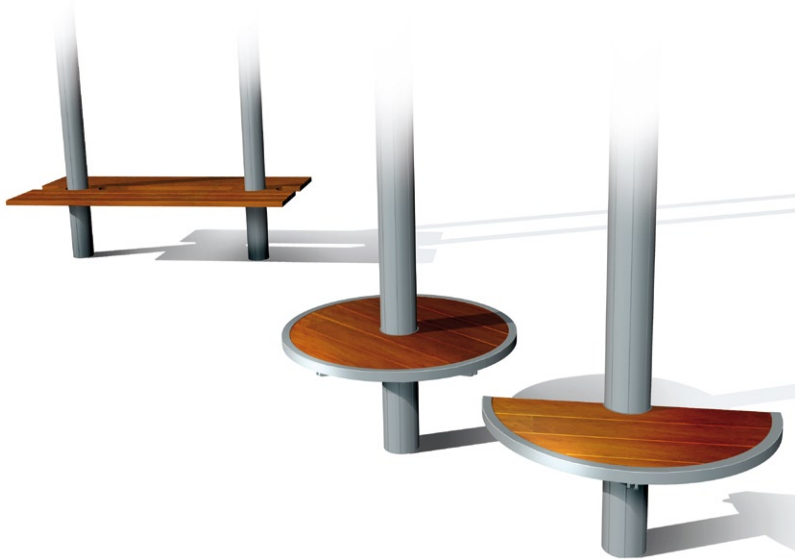
Structure K Ø 200

Bermude, Octave





Mast Seats



Straight bench

Dimensions : 1120mm x 11850mm

Seating height : 450mm

Seating of exotic wood of Ipe type

Bench and circular ½ bench

Adaptable to all types of City Module® mast profiles

Dimensions :

½ bench radius 450mm – Full bench Ø 900mm

Seating height : 450mm

Seating of exotic wood of Ipe type with curved U-shaped aluminium profile over the perimeter



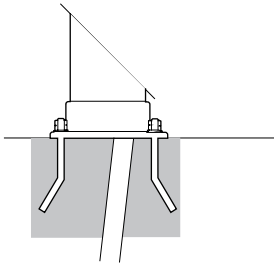
Technical options

Ground attachments

Type S

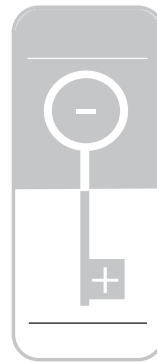
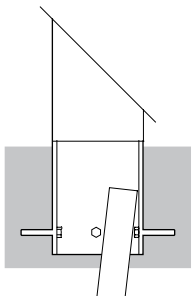
Attachment without welding (patented)

- . Cast aluminium base plate
- . Galvanized steel foundation bolts



Type A

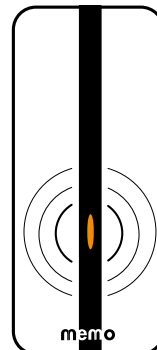
- . Direct anchoring in the ground
- . Retainer elements secured in the mast on diameter



Magnetized invisible lock*

Adaptable to all types of City Module® mast profiles

Device allowing the Access door to be opened with a special tool
Perfect access door anti-vandal protection and fine appearance



Read/write chip*

Adaptable to all types of City Module® mast profiles

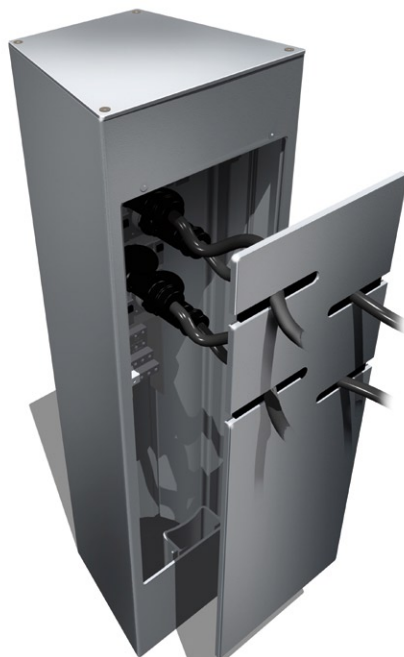
System using an electronic chip embedded in the mast to record a pole's characteristics and ensure follow-up throughout the product's lifetime

* Patented devices

+ Electrical connection terminals



Six Fours, Boulevard des Ecoles
Authority Ville de Six Fours
Photography François Deladerrière



Electrical connection terminals

Mikado large model electrical connection terminals
Total height : 1m

"Mikado GM" mast

- . Made of exclusive aluminium profile with trapezoid section 200 x 258 x 302mm, with internal structure
- . Flat top plug

Access door

- . On hinges
- . Passage 200 x 700 mm providing access to 4 electrical sockets
- . 4 x 16 A- 30 mA differential circuit breakers
- . Plugs P17 with industrial pins 16 A
- . 1 connection terminal board 3 cables 4 x 50 mm²
- . with fretting on door to let through socket power supply cables

Base plate

- . Made of cast aluminium
- . To be embedded in the ground 120 mm
- . Between axes 300 x 300 mm
- . Overall dimensions 400 x 400 mm

Finish

- . Polyester powder coating – RAL colors or special finishes
- . Natural anodizing (20 microns)



Arles, Boulevard des Lys
Authority Ville d'Arles
Photography François Deladerrière



Octave + electrical connection terminal Height : 0m80

"Octave+" anc "Octave" mast profile

- . Made of exclusive aluminium profile with 310 x 180 mm ovoid cross-section with internal structure and 4 functional external rails
- . Hemispheric plug made of cast aluminium

Access door

- . On hinges, passage 600x104mm, providing access to 2 electrical sockets
- . With fretting to let through socket power supply cables

Base plate

- . Made of cast aluminium
- . Between axes 200 x 200 mm,
- . Overall dimensions 260 x 260 mm

Finish

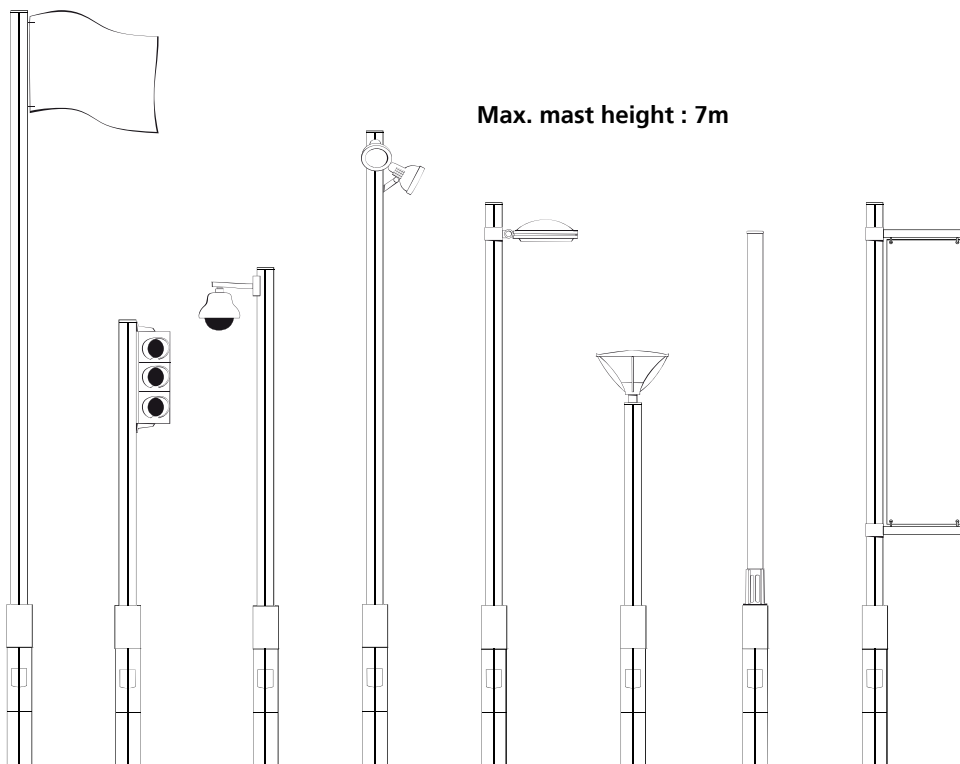
- . Polyester powder coating – RAL colors or special finishes
- . Natural anodizing (20 microns)



Moove is a tilt system mast that can be used for a variety of applications including lighting and signposting supports. Maintenance operations are greatly simplified, especially in places that are usually difficult to access, especially for nacelles. The Moove system is practically invisible from the outside. Indeed, all the elements making up the system are placed inside the mast meaning damage or malicious destruction can be avoided while keeping an overall esthetic appearance.



Examples of applications



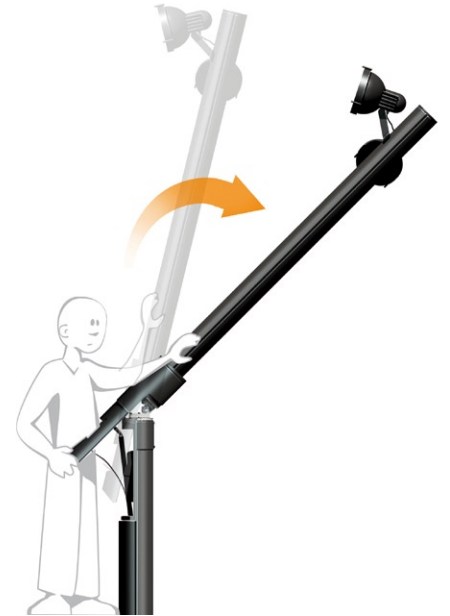
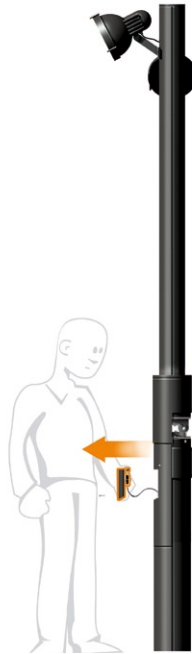
Max. mast height : 7m

Technical description




Bollard height 1m50

- . Made of Structure K Ø200mm profile
- . Made up of 2 parts hinged to each other through an internally located ball joint
- . Gas spring retainer system
- . Base plate made of cast aluminium
- . Between axes 300 x 300 mm
- . Overall dimensions 400 x 400 mm

"Structure C+ Ø140" or "Structure K Ø140" mast



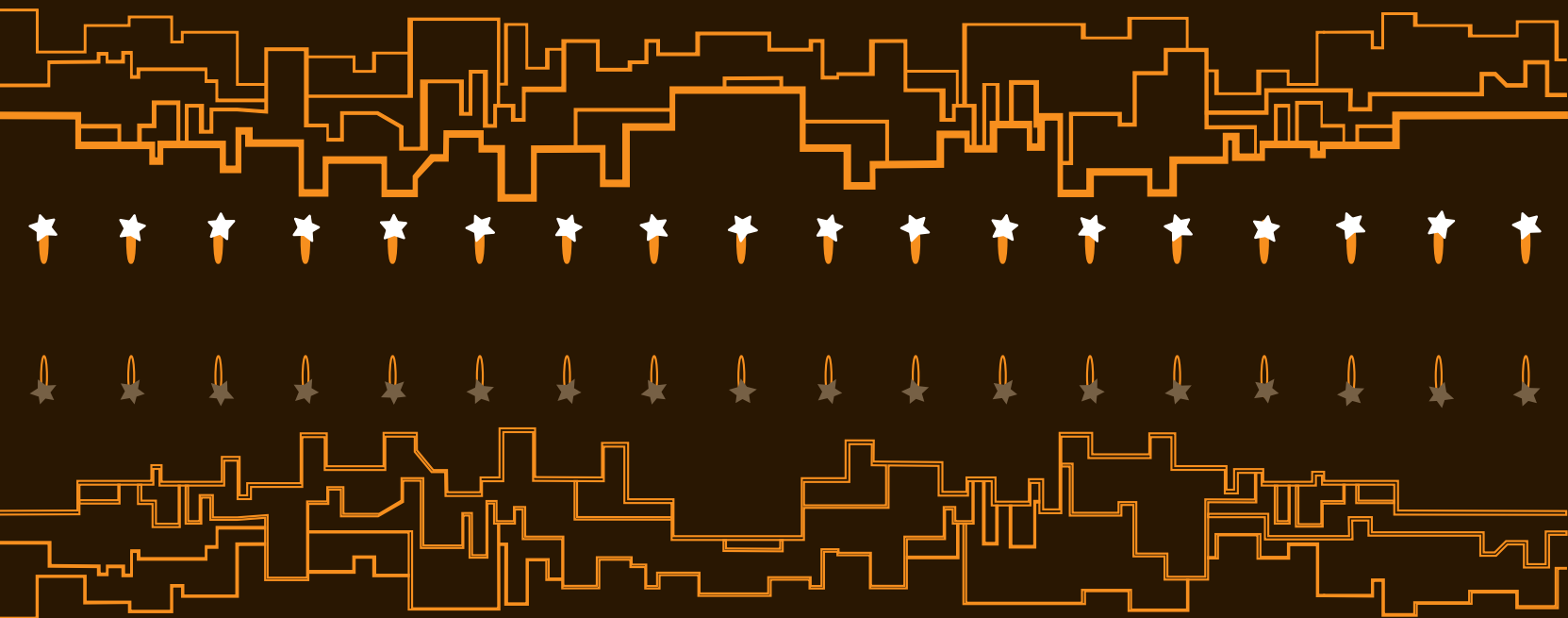
Operating principle

- 
 Having removed the set screws, the half ring hiding the swivel will slide downwards to allow movement.
- 
 Lowering of the mast can then be controlled through accessing the brake control and applying pressure to it.
- 
 Manual pressure on the mast will tilt it. Use the brake control to block the assembly in the desired position (releasing the control will block movement)

Exclusive patented concept.



partenaire de la valorisation du patrimoine urbain



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