

LUX SERIAL PERGOLA

TECHNICAL DETAILS

- ❖ Retractable pergola system is a developed solution which provides possibility to use outdoor spaces in bad weather conditions for years.
- ❖ System is designed to be resistant to Beaufort Wind Scale 9 magnitude (75 km/h), snow, rain and sunlight.
- ❖ The width can be extended depending on the space's requirements (from left to right) by applying steel construction, preferably.
- ❖ System operates with 6 degree slope.
- ❖ All connection tools gets mounted by using INOX bolts, pims, rustproof and galvanized tools.
- ❖ All profiles and construction is painted with electrostatic powder painting. All colours which is preferred can be used.
- ❖ The system has the options as imported and local fabric, depending on the consumer's preference.
- ❖ The retractable roof covering material must be; based on PVC, with 850/m² weight and featured with blackout (lightproof) made of three layers.
- ❖ The fabric has three layers and, the middle section provides the heat isolation so it provides protection to the material from negative effects of sun like UV rays.
- ❖ The retracting moves of the roof cover is provided by remote controlled motor.

- ❖ Because of the production technology, the fabric has equal stretching feature and it doesn't sag.
- ❖ Pergola system, provides protection the wide spaces with only one press to the remote.
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In our systems, the motor brands we use that depend on the client's preference are; Somfy, Becker and Mosel.



Somfy Motor



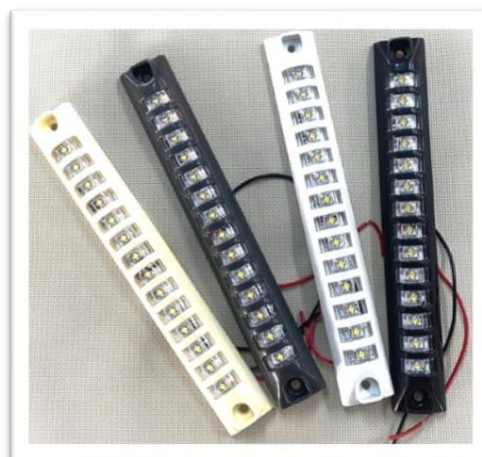
Mosel Motor



Becker Motor

- Our motors are under the insurance for 5 years.

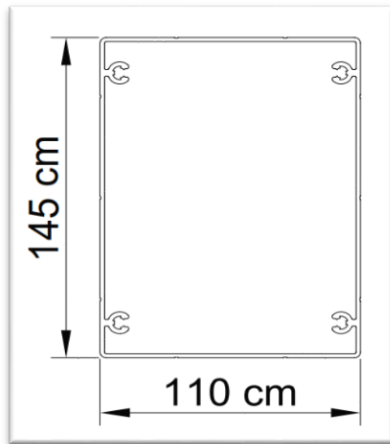
- ❖ There is Samsung Led lighting system which is integrated to the fabric system.



TECHNICAL DETAILS

❖ Lux Serial Pillar Profile

The measurement of the carrier front pillar aluminum system is 110*145*2,5 mm. Pillars's connection system to the floor must be applied by paying attention to the details and using current isolation precautions.

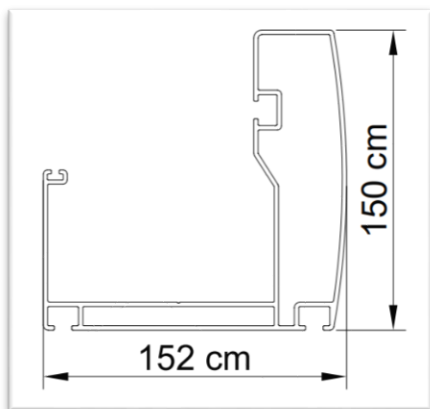


- 110*145*2,5mm PillarProfile

❖ Lux Serial Gutter Profile

The measurement of the gutter profile is 150*152*2,5

There is front be am which has its own rain groove in the system. Because of the water evacuation system, every rain drop that drops on the system gets evacuated flawlessly and therefore, the dryness and comfort of the space gets protected.

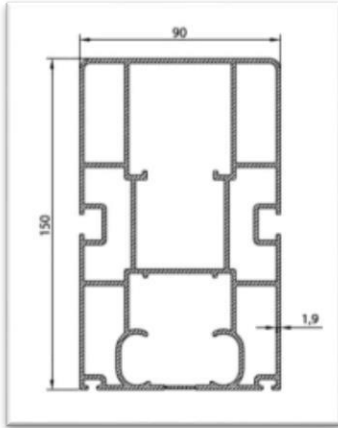


- 152*150*2,5mm GutterProfile

- Water evacuation on the fabric is provided by water flowing to the hidden rain groove at the front profile when the fabric is fully open, and then be transferred down from the front pillars which are connected to the gutter.

❖ Lux Serial 90mm Rail Profile

The 90 mm rail profile which is used doesn't have helux serial, 90*150*2 mm in the systems that has less than 8500 mm opening.

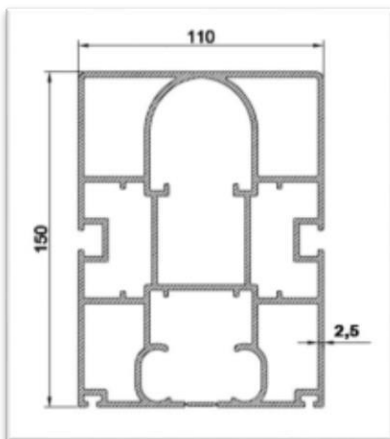


▪ 90*150*1,9mm Rail Profile

- The vertical and horizontal design details of the rail to make it stronger.
- Lux Serial 90 mm rail gives the option to make the opening max 8,5 m.

❖ Lux Serial 110mm Rail Profile

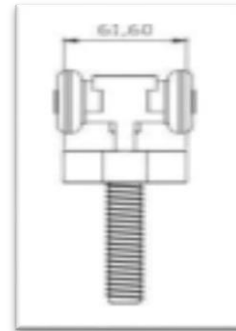
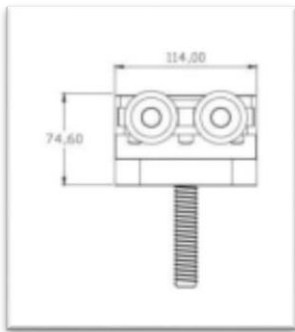
The 110 mm rail profile which is used doesn't have helux serial, 110*150*2,5 mm in the systems that has less than 10,5 m opening.



▪ 110*150*2,5mm Rail Profile

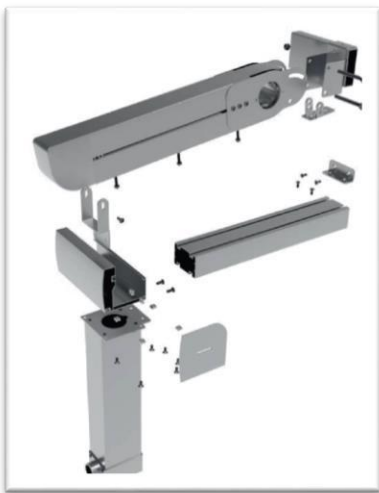
- Lux Serial 110mm rail gives the option to make the opening max 10,5 m.

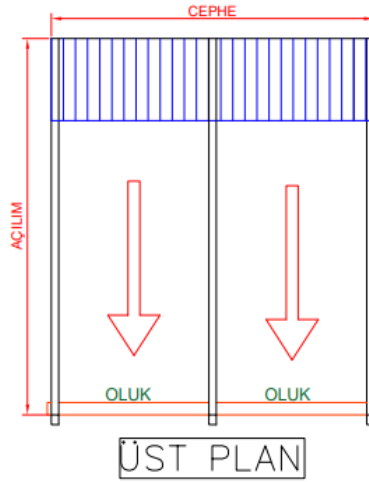
- ❖ Inside the rail profiles channels, there are 6 wheeled carrier aparat us with patent which enables fabric to move.



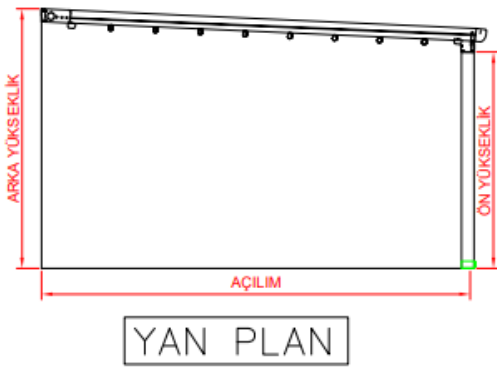
- System's move sareprovided because of the wheele daparatus's retracting by“triger cable” inside the rail.
- ❖ There are aluminum profiles of the moving light modules on fabric holder profiles.

❖ LUXSERIALRAIL-PILLAR-GUTTER MONTAGE SCHEME

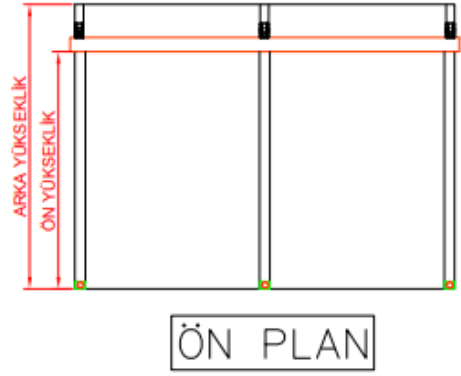




UPVIEW



SIDEVIEW



FRONT VIEW

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