# Gold (Rotatable & Retractable) Bioclimatic Pergola

Bioklimatik, tüm profil ve parçalarıyla tamamen alüminyumdan oluşan bir gölgeleme ürünü olmasının yanı sıra yağışlı havalarda da kullanıcıya konforlu bir alan sunan pergola sistemidir.

Led, yağmur, rüzgar, kar sensörü gibi ek parça seçenekleri sisteme estetik ve kullanım rahatlığı katar.

İlk aşamada 105° eksenel açılan, ikinci aşamada tamamen geri toplanan sistem conta kullanımı sayesinde minimum gürültü ile çalışmaktadır.

Bioclimatic is a pergola system which offers to its users a comfortable field in rainy weathers as well as being a shading product formed of aluminum profiles and parts completely.

The additional parts, such as led, rain, wind and snow sensors, contributes the system aesthetic and ease of use.

The system, which opens 105 ° axial in the first stage and retracts in the second stage, works with minimum noise thanks to usage of gasket.

# LAMEL HAREKETİ

0 ° - 105° arasında eksenel şekilde açılır

**0°**

Tamamen kapalı olan lameller her türlü hava koşullarına karşı tam koruma sağlar.

*The lamelles which are completely closed provide full protection agains all kind of weather conditions.*

# LAMELLE MOVEMENT

It opens axial between 0 ° - 105°

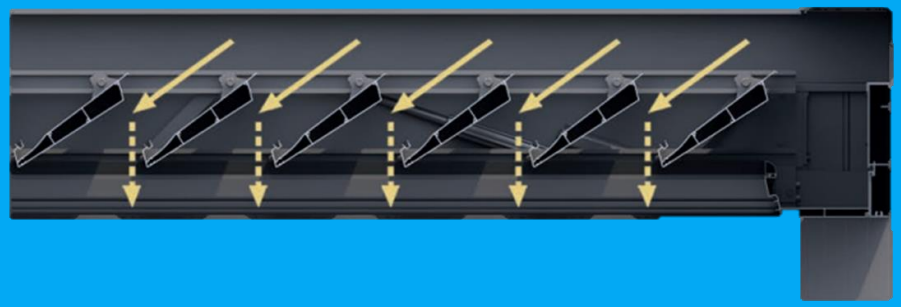
***5°***

Tüm hava koşullarına karşı koruma sağlarken mekanın havalandırılmasına izin verir.

*Lets the air conditioning of the place when provides full protection against all kind of weather conditions as well.*

# LAMEL HAREKETİ

0 ° - 105° arasında eksenel şekilde açılır



45°

Aydınlatmayı kontrol ederek güneş ışığının içeri girmesini sağlar.

*Lets sunlight to go in by contolling the lighting.*

# LAMELLE MOVEMENT

It opens axial between 0 ° - 105°

105°

Güneş ışığının tamamen içeri girmesini sağlar.

*Lets the sunlight to go in completely.*

# GERİYE TOPLAMA

# RETRACTING

Lameller eksenel açılımını tamamladıktan sonra sistem, geriye toplanarak tam havalandırma ve görüş sağlar.

*After the lamelles complete its axial openning, the systems retracts and provides full air conditioning and sight.*

Sistemi geri toplamak için somfy motor kullanılmaktadır.

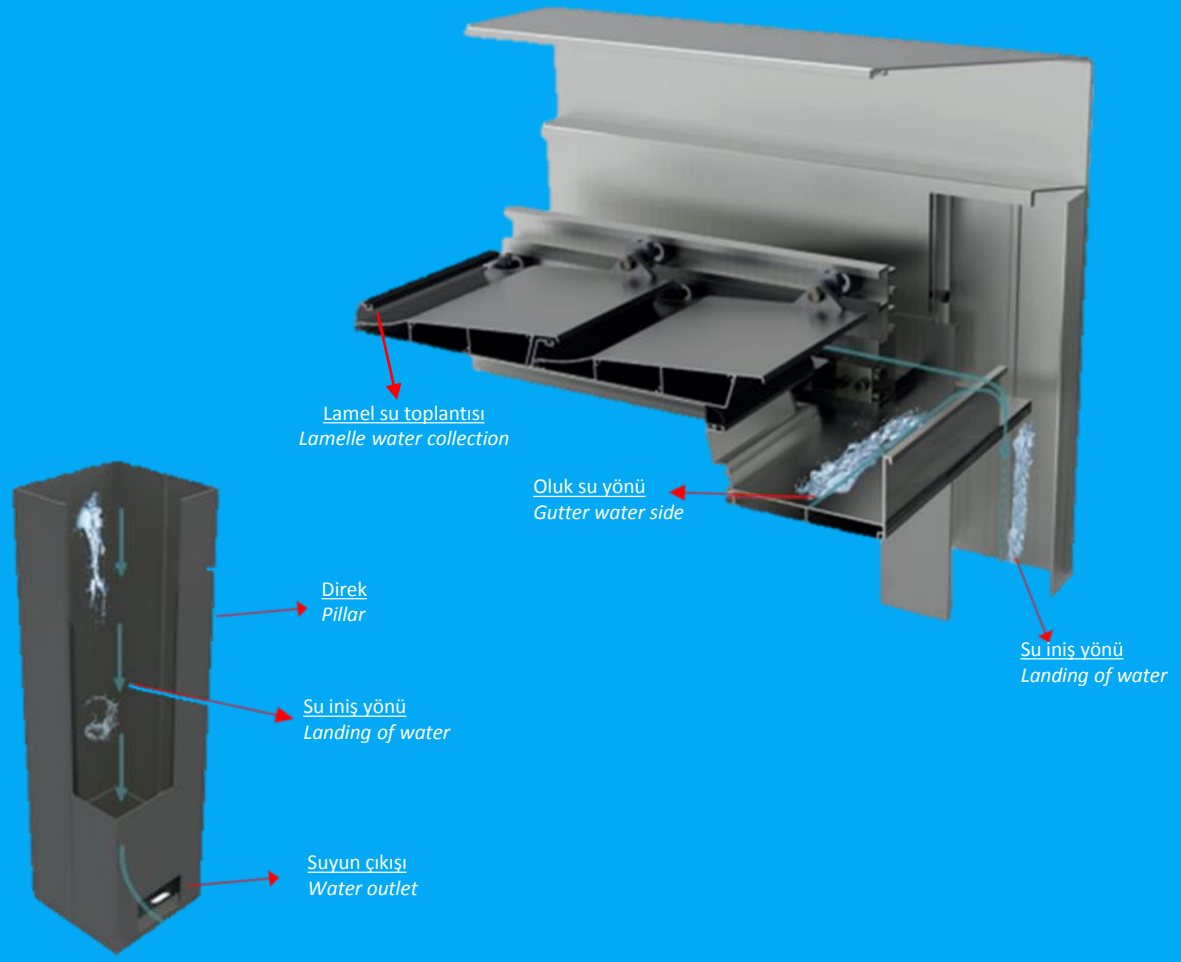
*For retracting system somfy motor is used.*

# DRENAJ SİSTEMİ

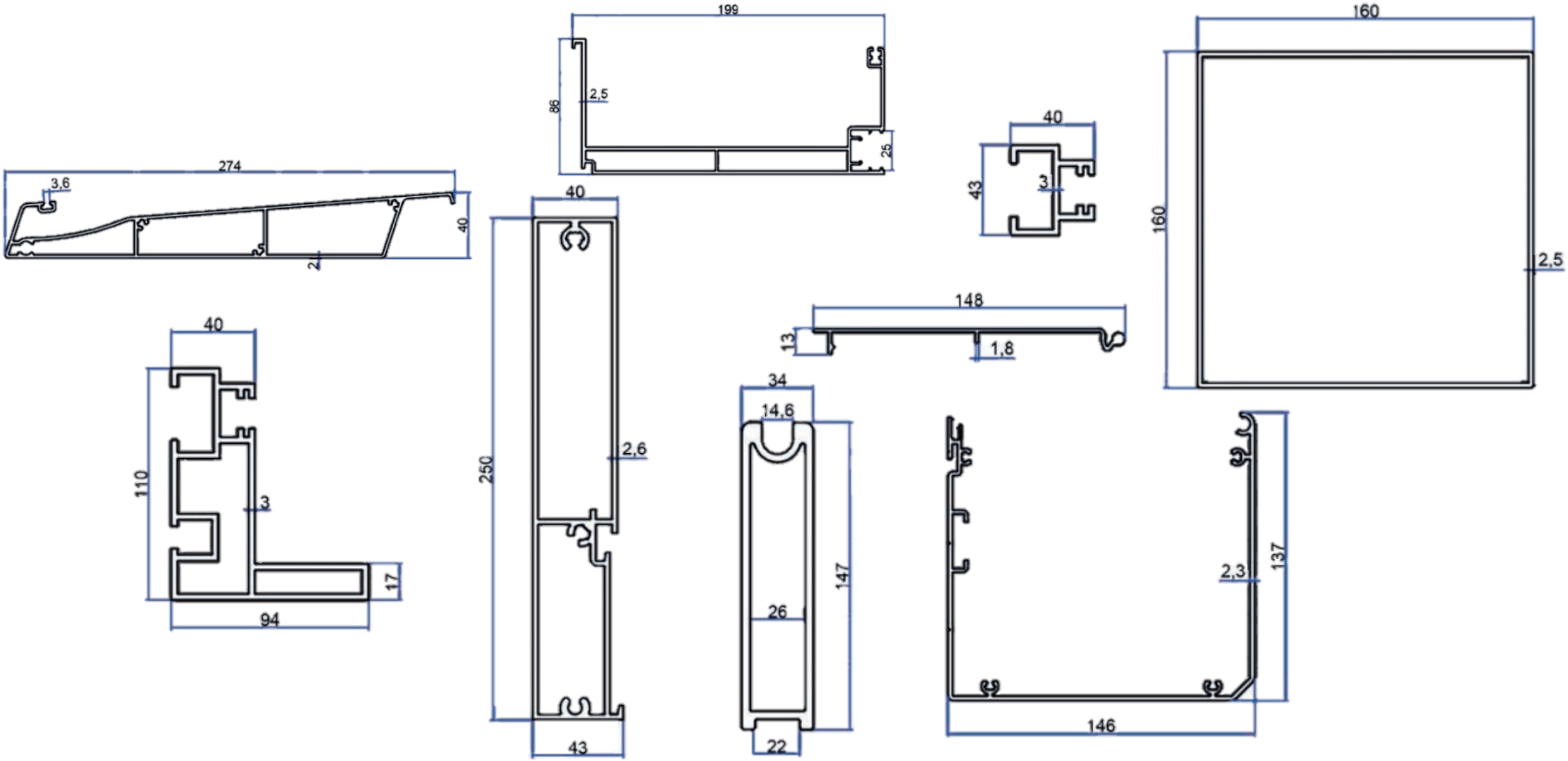
Su, lamerllerden yan oluklara yönlendirilir. Toplanan su ayağın içinden dışarıya aktarılır. Yağmur suyunun dışarı aktarılması için oluğa ve ayağa kertme işlemi uygulanır.

# DRAINAGE SYSTEM

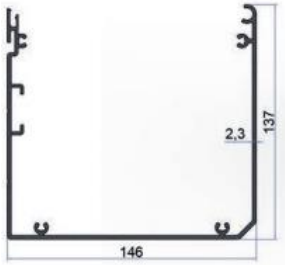
The water is directed to gutters through lamelles. Accumulated water is discharged from inside of the bracket. For discharging the rainwater, notching is applied to the gutter and bracket.



# PROFİLLER / PROFILES

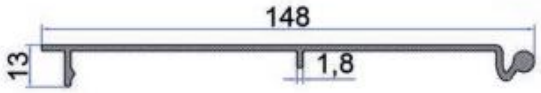


# PROFİLLER / PROFILES

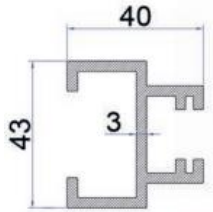


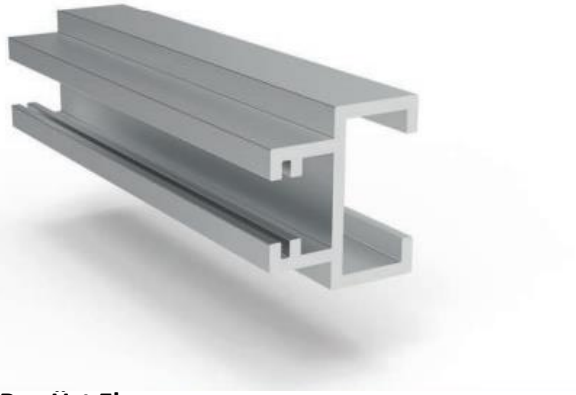
**Motor Kutusu**
***Engine Box***

**Lamel**
***Lamelle***



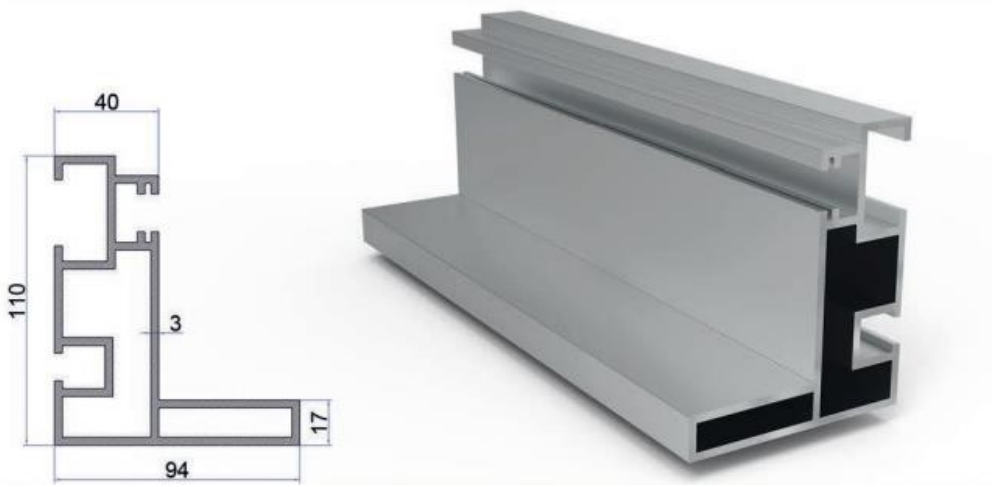

**Motor Kutusu Kapağı**
***Engine Box Cover***



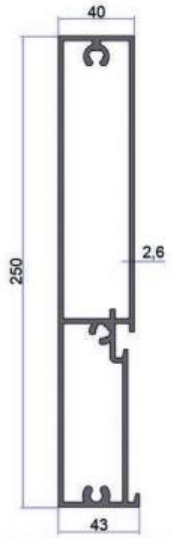



**Ray Üst Ek**
***Top Rail Part***

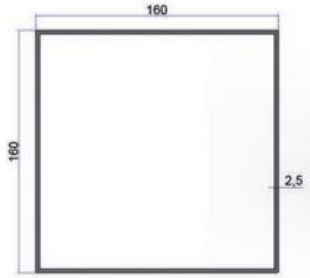
# PROFİLLER / PROFILES



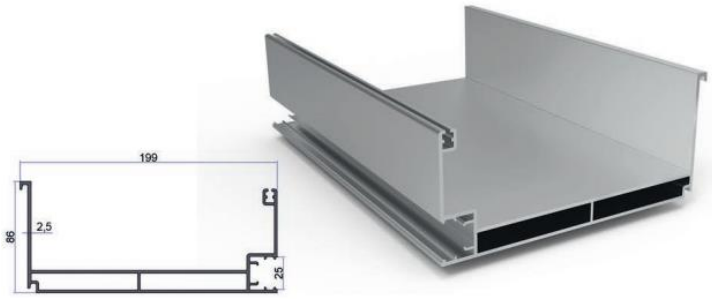

***Ray***
***Rail***



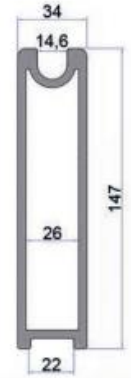
**40x250 Dikme Oluk**
***40x250 Vertical Gutter***



**160x160 *Direk***
***160x160 Pillar***




**Oluk**
***Gutter***



**Ek Takozu**
***Additional Wedge***

# TİPOLOJİ / TYPOLOGY

*BAĞIMSIZ SİSTEM / FREESTANDING SYSTEM*

**4 AYAKLI 1 SİSTEM**
***A SYSTEM WITH 4 PILLARS***

**6 AYAKLI 2 SİSTEM**
***2 SYSTEMS WITH 6 PILLARS***

**12 AYAKLI 6 SİSTEM**
***6 SYSTEMS WITH 12 PILLARS***

# TİPOLOJİ / TYPOLOGY

*DUVARA MONTE SİSTEM / WALL MOUNTED SYSTEM*

**2 AYAKLI 1 SİSTEM**
***A SYSTEM WITH 2 PILLARS***

***AYAKLI 2 SİSTEM***
***EMS WITH 3 PILLARS***

**AYAKSIZ 1 SİSTEM**
***A SYSTEM WITHOUT PILLAR***

# SİSTEMİN ÖÇÜLENDİRİLMESİ

*SYSTEM DIMENSIONING*

## Panel Sayısına Göre Açılım Ölçüleri

***Projection Sizes According to the Number of Panels***

| | | | |
|---|---|---|---|
| 5 LAMEL | 1,550 METRE | 17 LAMEL | 4,378 METRE |
| 6 LAMEL | 1,780 METRE | 18 LAMEL | 4,614 METRE |
| 7 LAMEL | 2,016 METRE | 19 LAMEL | 4,850 METRE |
| 8 LAMEL | 2,252 METRE | 20 LAMEL | 5,086 METRE |
| 9 LAMEL | 2,488 METRE | 21 LAMEL | 5,322 METRE |
| 10 LAMEL | 2,725 METRE | 22 LAMEL | 5,558 METRE |
| 11 LAMEL | 2960 METRE | 23 LAMEL | 5,795 METRE |
| 12 LAMEL | 3,197 METRE | 24 LAMEL | 6,030 METRE |
| 13 LAMEL | 3,433 METRE | 25 LAMEL | 6,267 METRE |
| 14 LAMEL | 3,670 METRE | 26 LAMEL | 6,503 METRE |
| 15 LAMEL | 3,905 METRE | 27 LAMEL | 6,740 METRE |
| 16 LAMEL | 4,142 METRE | 28 LAMEL | 6,975 METRE |

MAKSİMUM AÇILIM: 6,975 METRE
MAXIMUM PROJECTION: 6,975 METER

MAKSİMUM CEPHE: 4 METRE
MAXIMUM WIDTH: 4 METER

DİREK UZUNLUĞU
PILLAR HEIGHT

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