

# Solar shading system

## DUCO Ventilation & Sun Control

### DucoSun Ellips 400 Moveable

#### Description

Permanent external shading system made of aluminium with movable blades. The blades are mounted on site in the supporting structure (horizontally or vertically). The blades are continuously adjustable thanks to the linear electric drive motor.

#### Version

##### Blade

- Blade type Ellips 400
- Shape of blade ellipse
- Blade height 400 mm
- Blade width 63 mm
- Inclination angle 0° to 90°, continuously adjustable

##### Mullion

- 60/100, fixing directly to the supporting structure

##### Motor

- Power supply 230 VAC, 50 Hz
- Current 0.55 A
- Electric power 126 W
- IP class IP65
- Cable length 2 m from actuator

##### Accessories

- Aluminium stop for mullion 60/100 available

## Material and surface treatment

### Blade

- Aluminium EN AW-6063 T66 (EN 573-3)  
Profile thickness: min. 2 mm
- Finish
  - Natural anodised (15-20 µm) according to Qualanod
  - Polyester powder coated (60-80 µm) according to Qualicoat Seaside type A (specific RAL codes or textured paint on request)

### Mullion

- Aluminium EN AW-6063 T66 (EN 573-3)  
Profile thickness: min. 3 mm
- Finish
  - Natural anodised (15-20 µm) according to Qualanod
  - Polyester powder coated (60-80 µm) according to Qualicoat Seaside type A (specific RAL codes or textured paint on request)

### Coverplate

- Aluminium AlMg3  
Lasered, 5 mm thick
- Finish
  - Natural anodised (15-20 µm) according to Qualanod
  - Polyester powder coated (60-80 µm) according to Qualicoat Seaside type A (specific RAL codes or textured paint on request)

## Technical specifications

### Strength calculation

According to EN 1990, EN 1991, EN 1999