**Solar shading system DucoSun Ellips 100 Moveable**

Manufactured by: Duco ‘Ventilation & Sun Control’

Permanent external solar shading system with moveable louvre blades, stepless moveable by means of a electric linear drive motor. They are installed to the support system on-site (either horizontally or vertically).

The ellipsoid blade styles admit high levels of diffused daylight. DucoSun Ellips offers architects a wide freedom of design.

## Features:

* Louvre blades:

**Type**: Blade Ellips 100

**Shape**: Ellips-shaped

**Material**: Aluminium extrusions, Al Mg Si 0.5

**Blade width**: 100 mm

**Blade thickness**: Ellips 100: 26 mm

**Blade pitch**: Specific project-related

**Surface treatment**:

* Anodised in natural as standard (15-20 µm) (VB6/A20/VOM1)
* Enamelled polyester powder coating (60-80 µm)
* Support profiles:

Support profiles 60/100: fixation directly to the supporting construction

* Motor:

**Supply voltage:** 230 VAC 50 Hz

**Current:** 0,55 A

**Power:** 126 W

**Safety:** IP 65 rating

**Mechanical:** Actuator cable length: 2 m

## Surface treatment:

* Anodising: Qualanod-compliant, coating thickness 15-20 µm, standard natural colour (clear anodising)
* Powder coating: Qualicoat-compliant, minimum average coating thickness 60 µm, standard RAL colours 70% gloss

Upon request: other finish coating thicknesses, anodising colours and paint gloss levels, as well as “seaside” paints, textured paints and specific powder coating product codes.

## Finish:

### Side plates:

Standard or projectrelated side plates are available.

Aluminium Al Mg 3 G22 sheet, laser-cut, 5 mm thick.

## Complies with or tested in accordance with the following standards:

* Qualicoat (if painted finish)
* Qualanod (if anodised finish)
* EN 573 - EN AW-6063 T66 and EN AW-6060 T66: aluminium alloy & hardening
* EN 1990, EN 1991, EN 1999: strength calculations