

# Dome rooflight accessories sun protection

**VELUX®**
**Commercial**


## Solar shadowing system sun protection pleated solar roller blind system

### Sun protection pleated solar

#### Shadowing system for dome rooflights

- pleated or honeycomb blinds with electric motor or pulley operation
- drive integrated into the profile and battery buffered
- includes solar panel for the battery's solar supply
- control via a five-channel handheld remote control for up to five shadowing units (accessory) (function: open/stop/close)
- separate battery charger available (optional accessory)

#### Possible applications

- for TOP-90 dome rooflights – ventable or fixed (incorporated into the venting frame or in the upper part of the upstand)
- for dome rooflight glass – ventable or fixed (incorporated into the upper part of the upstand)
- for shop assembly or retrofitting
- for products from other manufacturers – ventable or fixed (after technical clearance)

#### Product advantages

- no electrical wiring necessary – quick and easy to assemble
- ideal for retrofitting – very low installation effort required
- reduces glare and heat input

#### Configuration variants

- as a pleated blind (cream)  
 $T_L = \text{approx. } 40\%$  /  $g\text{-value} = \text{approx. } 40\%$
- as a duette blind (white – aluminium-laminated inside)  
 $T_L = \text{approx. } 0\%$  /  $g\text{-value} = \text{approx. } 0\%$



Five-channel hand-held remote control



Solar panel

## Darkening and shadowing systems

- use: classrooms, seminar and conference rooms, lecture halls, residential buildings
- operation: electric moto, with a 230V AC motor

### Roller blind system

- opaque, special fabric
- light transmission value ~ 0%

### Shadowing system

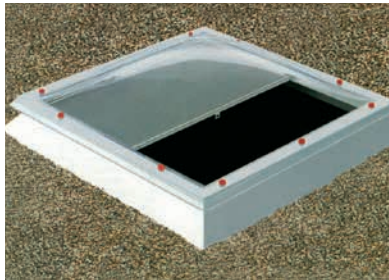
Roller blind and shadowing system for ventable rooflights

- translucent, special fabric
- light transmission value ~ 4–12%



Sectional view of a fixed dome rooflight with solar shadowing

### Roller blind system



Opaque, roll-up curtains made of glass fibre cloth

Colour:  
light grey, coated on the reverse with aluminium-pigmented polyvinyl acetate

Light transmission value ~ 0%

### Shadowing system



Translucent, roll-up curtains made of glass fibre cloth

Light transmission value ~ 4–12%

Selection of colours for the fabric:  
light grey, medium grey

Note: Other fabric colours upon request

Sun protection for dome rooflight TOP-90 series and dome rooflight glass

Dome rooflight order sizes	Direction along the: short side = S long side = L	Dome rooflight order sizes	Direction along the: short side = S long side = L
50 x 100	S	120 x 150	L
50 x 150	S	120 x 180	L
60 x 90	S	120 x 210	L
60 x 120	S	120 x 220	L
60 x 210	S	120 x 240	L
70 x 120	S	120 x 250	L
80 x 80	L	125 x 125	L
80 x 110	L	140 x 140	L
90 x 90	L	150 x 150	L
90 x 120	L	150 x 180	L
90 x 150	L	150 x 240	L
100 x 100	L	150 x 250	L
100 x 150	L	160 x 160	L
100 x 200	L	180 x 180	L
100 x 240	L	180 x 240	L
100 x 250	L	200 x 200	L
110 x 110	L	220 x 220	L
120 x 120	L		

TOP-90 dome rooflight order sizes (cm)

80 x 80	120 x 120	150 x 240
90 x 90	120 x 150	150 x 250
90 x 120	120 x 180	180 x 180
100 x 100	120 x 240	180 x 240
100 x 150	125 x 250	180 x 250
100 x 200	150 x 150	200 x 200
100 x 240	150 x 180	200 x 300
100 x 250	150 x 210	