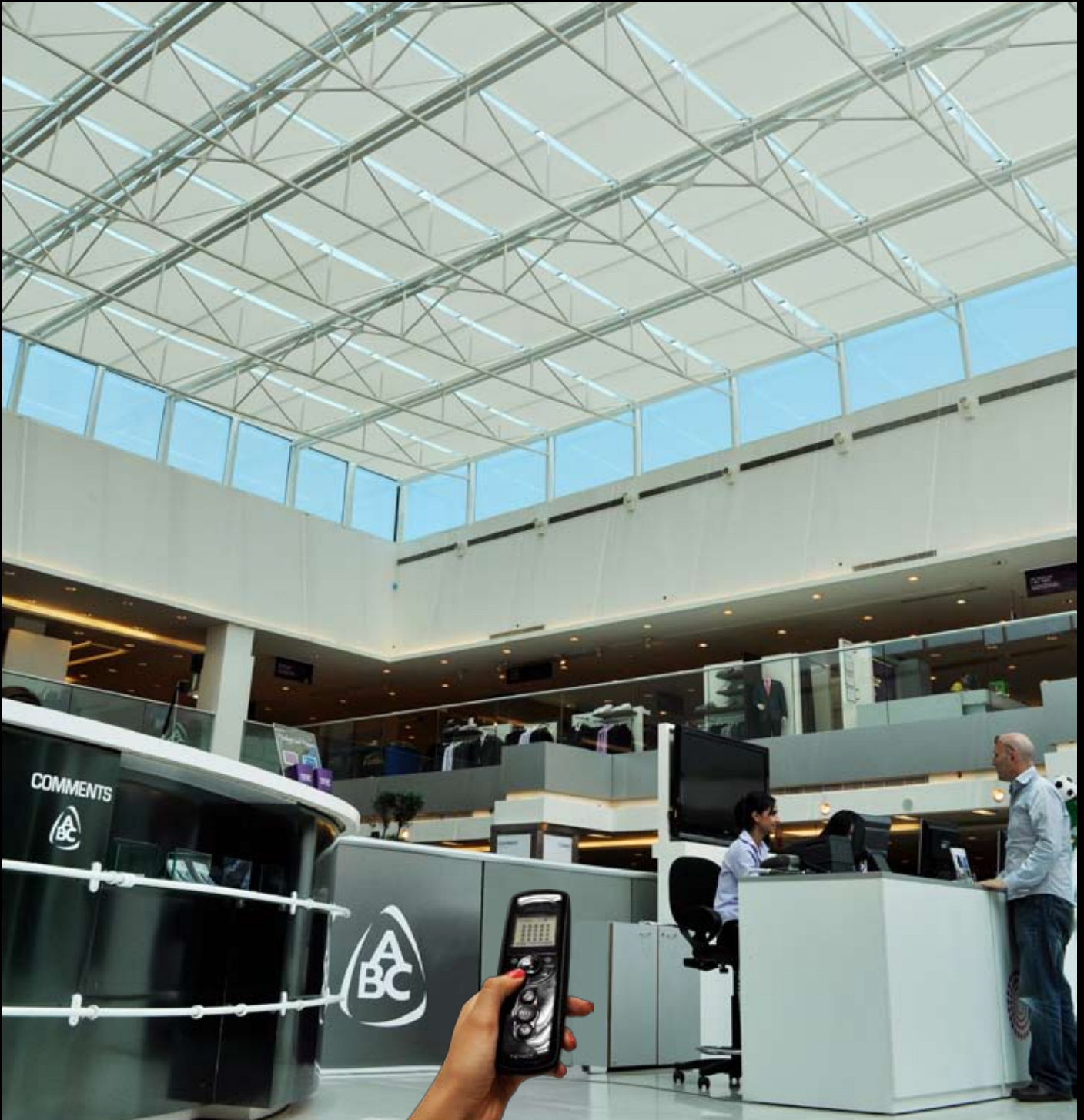


TechnoDome

The Energy Efficient Internal SkyLight Roller Shade

by TechnoShade



Project name: ABC Dbayeh - Skylight Designer: Mrs Lamia Jallad - TechnoShade Product: Internal Motorized Skylight Shade "TechnoDome"



Smart Window Solutions for Sustainable Architecture

TechnoDome

Product name:
ShadeCloth Type:
Product type:
Project Name:
Skylight Designer:

TechnoDome
High Thermal MechoShade Fabric
Motorized, Flat & Tensioned Internal Skylight Shade
ABC Dbayeh (Department Store) - Lebanon
Ms Lamia Jallad

Description:

Motorized & Tensioned Internal Skylight Shade

The TechnoDome is a made-to-size engineered Skylight Roller Shade. It is a motorized, flat and tensioned Energy Efficient Roller Shade, pulled by cable, driven by an electric motor, tensioned either by the "PullTense" system (Spring loaded mechanical system) or by a second motor (reacting with the first motor through an electronic control box) and installed under the Skylight itself.

The TechnoDome can fit almost all types of Skylights. The type of Fabric to be selected depends on both the glass properties and the daylight effect desired by the Architect.

Movement & Guiding Options

The movement of the TechnoDome and the type of guiding to be used is dictated by the type and dimension of the Skylight modules.

Direction of movement	Guiding options
<ul style="list-style-type: none">• Drop Down• Bottom Up• Horizontal	<ul style="list-style-type: none">• Guiding free• Guiding Tracks• Guiding Cables• Intermediate Pulley



Product name: **TechnoDome**
 ShadeCloth Type: **High Thermal MechoShade Fabric**
 Product type: **Motorized, Flat & Tensioned Internal Skylight Shade**
 Project Name: **Private Villa, Jeddah - Saudi Arabia**
 Shade Shapes: **Rectangular & Triangular**

Geometric Options

The geometry of the TechnoDome shade is dictated by the geometry of the Skylight itself.

Possible Shade Positions	Possible Shade Shapes
<ul style="list-style-type: none"> • Horizontal • Sloped • Vertical 	<ul style="list-style-type: none"> • Rectangular • Triangular • Trapezoidal

Control Systems

- 1) Wired Wall Switch (fixed position).
- 2) Wired Wall Switch (momentary position).
- 3) Wireless Wall Switch with 1 pre-programmed "See-Through" position.
- 4) Radio Remote Control with 1 pre-programmed "See-Through" position.
- 5) Wired Wall Switch + Radio Remote Control.
- 6) Wireless Wall Switch + Radio Remote Control with 1 pre-programmed "See-Through" position.
- 7) Timer Control with 1 pre-programmed "See-Through" position.
- 8) Wired 3-button Wall Switch with 5 Pre-Programmed Positions and optional Sub-Group Control.
- 9) Wired 3-button Wall Switch with 5 Pre-Programmed Positions and optional Sub-Group Control in addition to an optional Wireless Radio Remote Control through hand-held Transmitter.
- 10) Total Home Technology Solution from TechnoShade streamlining and simplifying all the technology in your living/office environment, through an easy-to-use color touch panel, remote or customized keypad.



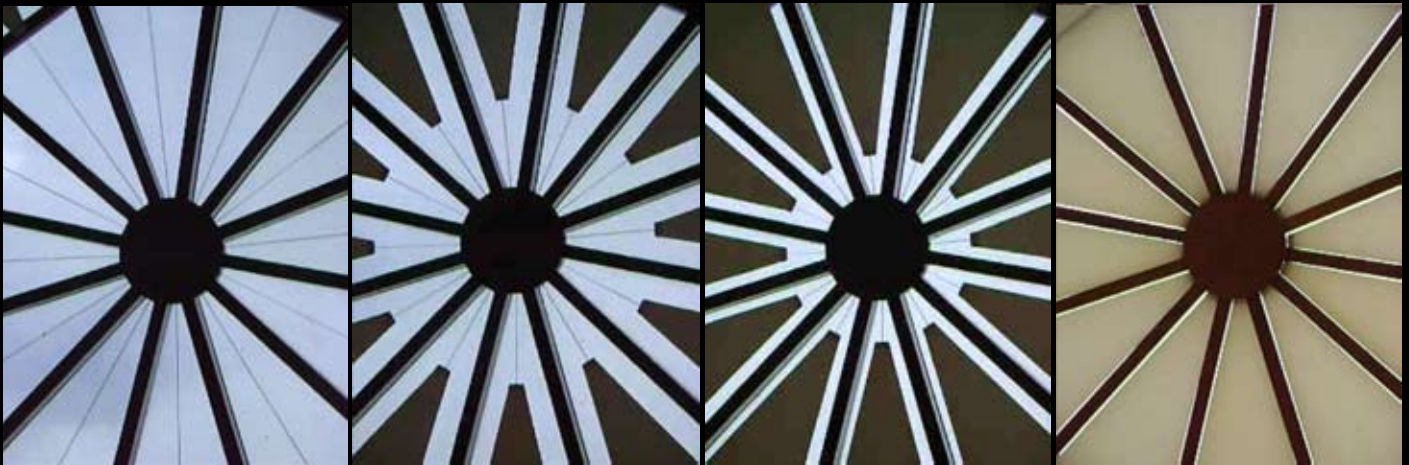


Through an overall approach to Sustainable Development, combining “**bioclimatic principles**” with both comfort to the occupant and refined Architecture, TechnoShade is a leading company involved in **Sustainable Architecture** through providing a variety of **Smart Window Solutions**.

Our **Automated** Roller Shades, our **Smart** Roller Shutters and our **Aesthetic** Louvers are all “**energy-efficient**” Architectural elements that are dedicated to form a “**dynamic façade**” and contribute in optimizing the energy performance of a building.

TechnoShade has a 20-year experienced team following up all the different phases of making a smart building: from preliminary design to execution details followed by implementation and configuration.

TechnoShade has contributed in the realization of many projects in different applications such as residential towers, hospitals, administrative buildings, universities, hotels, among them many are **LEED** certified.



In Harmony With a Green Planet.

www.technoshade.com