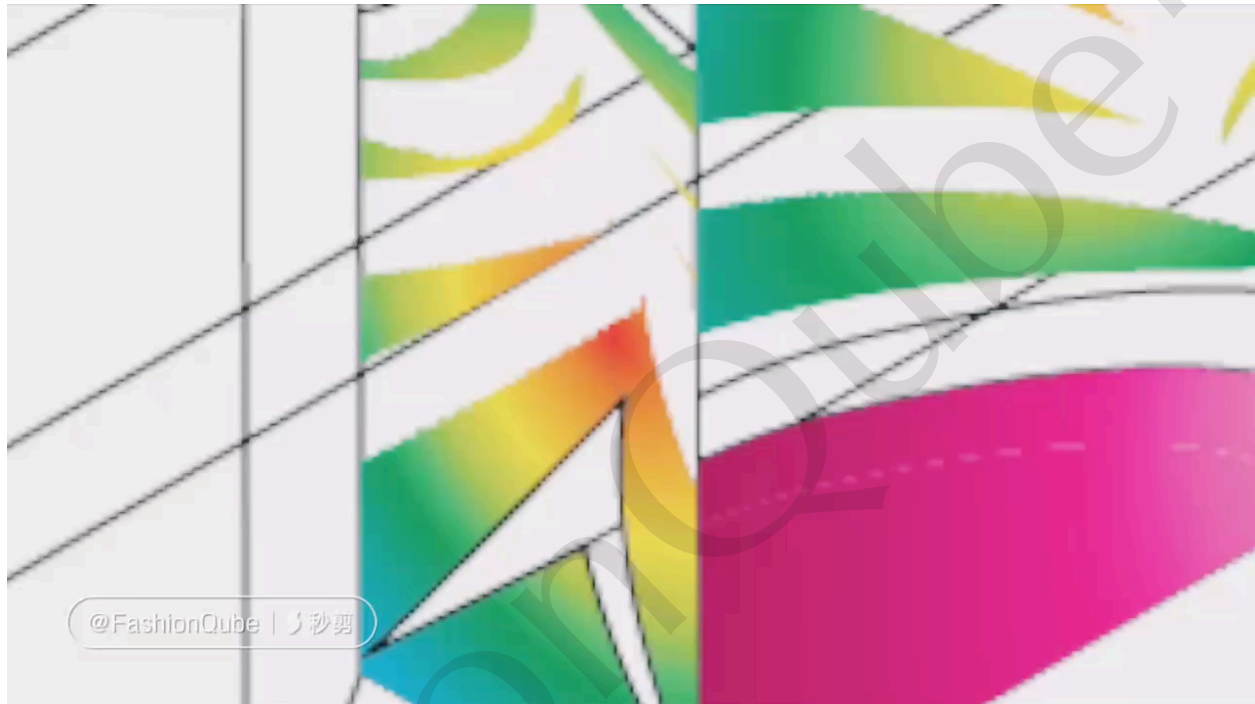




FashionQube™
LIVING WITH STYLE

FashionQube™ Intelligent Film Spec



Specifications: 6th Generation Intelligent Film™

Description :

FashionQube™ Intelligent Film™ changes its visual appearance by simple electrical switching. A simple ON-OFF mode transforms the film from being clear (transparent) to opaque (translucent). All Intelligent Film materials are dimmable!

Features :

- Switches from clear to frosted
- Privacy & security
- Rear projection screen
- Protection from UV damage
- Easy installation: Self Adhesive film
- Durability & reliability



Standard Color available in WHITE, GREY, BLACK (other special color available upon request)

Product Types :

- Non-Adhesive type: mechanical install
- Adhesive type: Self Adhesive

Dimension :

- **Maximum size : 71" x 1958" or 1800mm x 50m**
- Thickness: 0.35mm

Technical Data :

Optical performance

- OFF state: Haze = 92%,
- ON state : Haze = 2%, Total light transmittance = $92 \div 1$ (on)

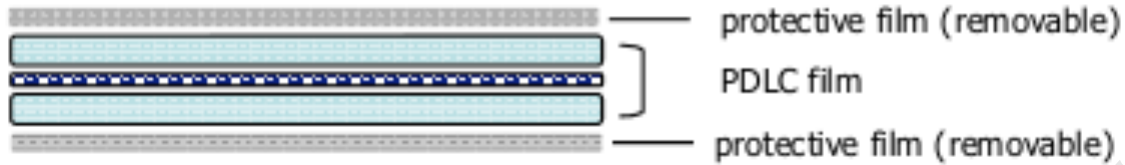
Electrical power

- Driving voltage = 28 - 48 VAC (50, 60Hz)
- Power consumption = 3~5 watts per sq. meter

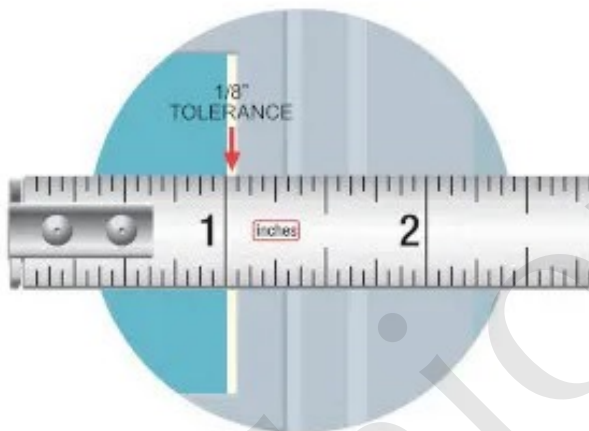
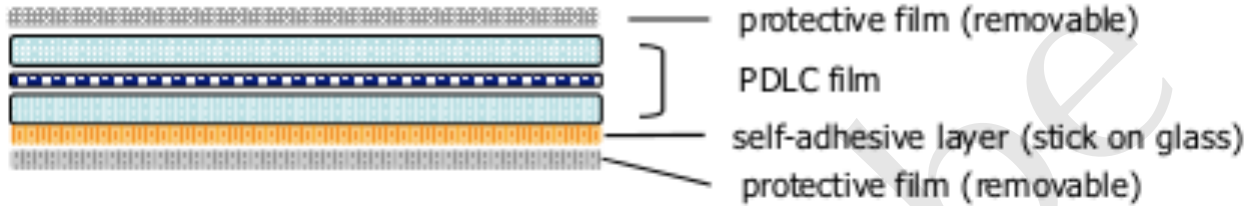
Environmental

- Temperature: (Storage) -30 ~ 60°C, (Operation) -16 F - 187 F
- Durability to long-term electrical switching
- Durable to sunlight exposure

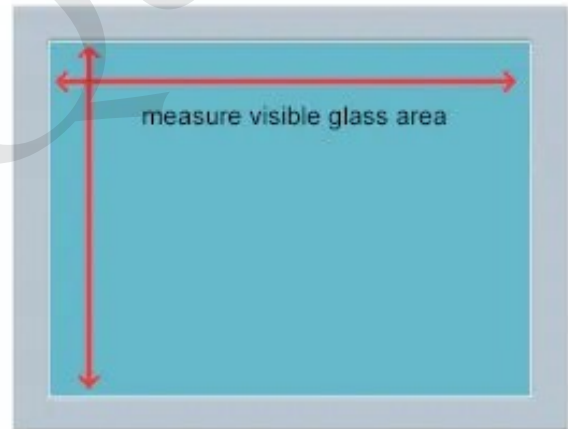
NON-Adhesive Intelligent Film™



FashionQube™ Self Adhesive Intelligent Film™

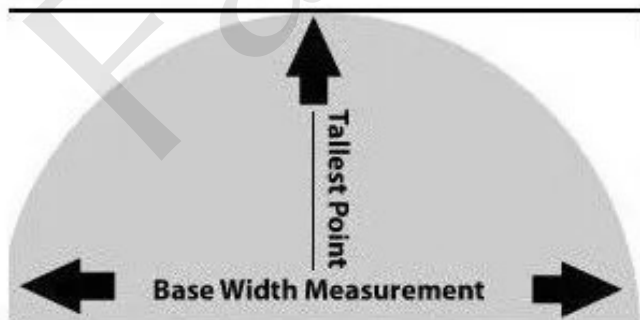


For frameless glass measure beveled edge to beveled edge. For framed systems our silicone will seal all gaps!



Provide us the width and height of the visible glass area. We will confirm all measurements and the pre-wiring locations with shop drawings that we will send you after order confirmation.

For odd shapes measure the rectangle or square they fit in



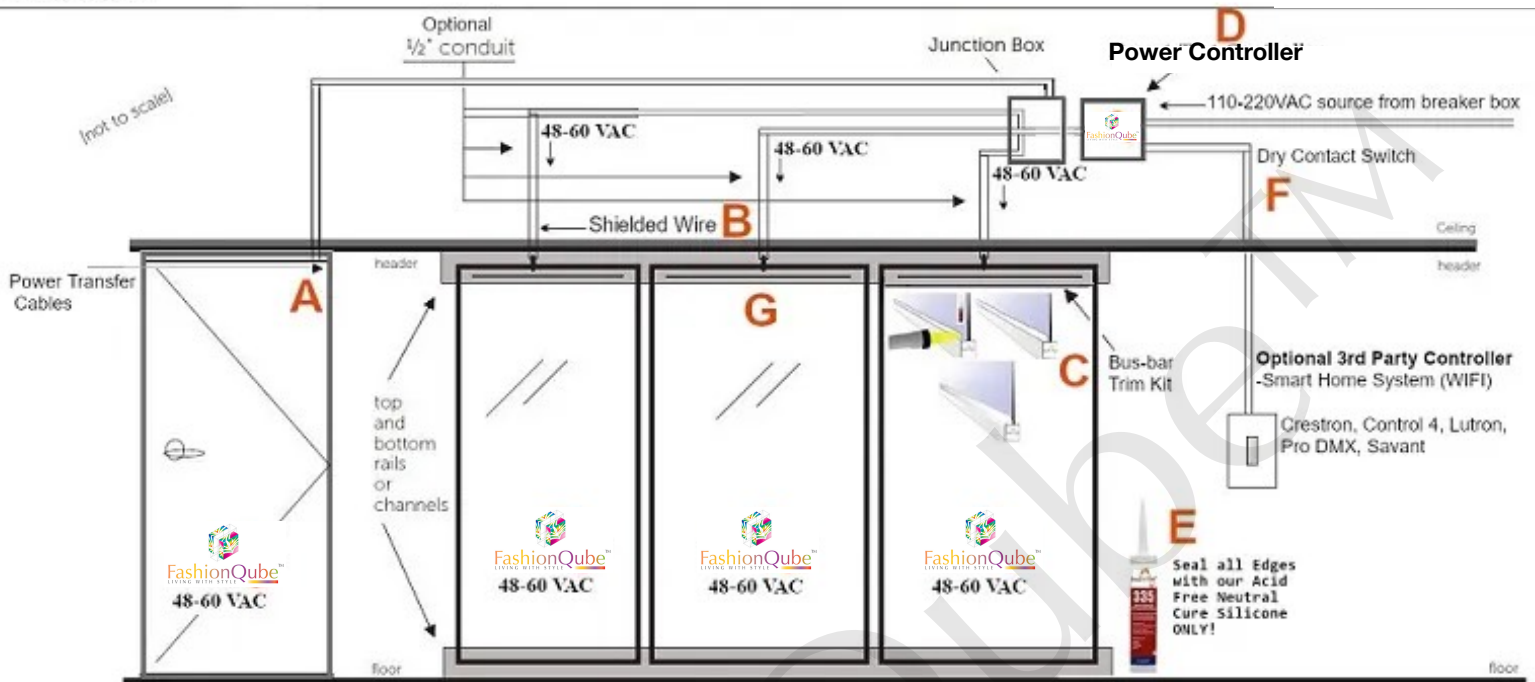
Please Note: All measurements and wire locations are reconfirmed with shop drawings that we send you upon order confirmation.

Any size adjustments and custom wiring requests will be completed at that time.



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Basic Installation
Wiring Diagram

We supply a complete ready to install system from project scope to completion including engineering time, shop drawings, product, power supplies and trim kits.



www.fashionqube.com

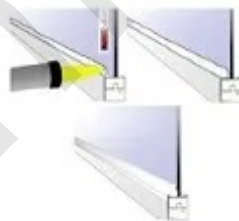
A. Power Transfer Cable



B. 18" Gauge Wire



C. Trim Kit



D. Power Controller



E. Acid-Free Neutral Silicone



F. Contact Switch

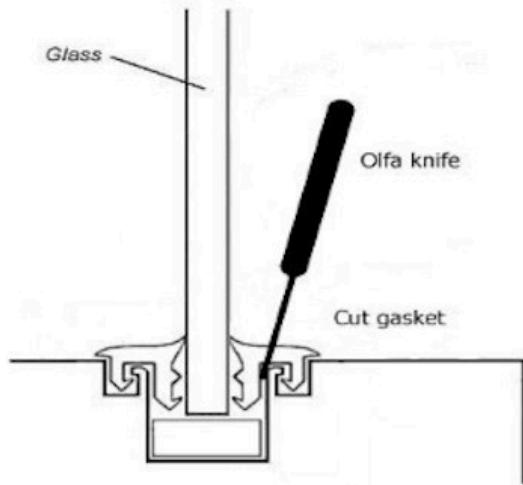


G. Bus-Bar



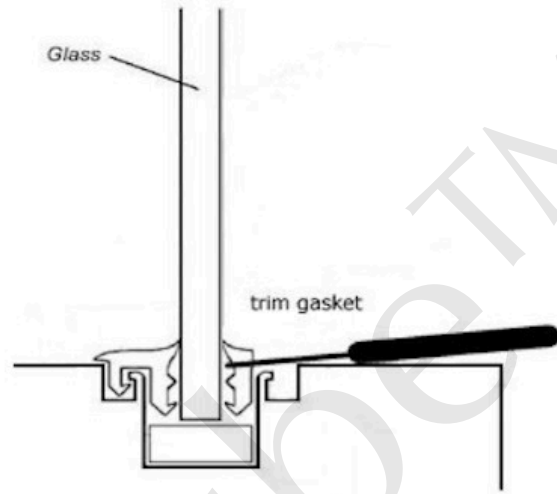
1 Cut the existing gasket

Cut the existing gasket parallel to the glass and close to the window frame.



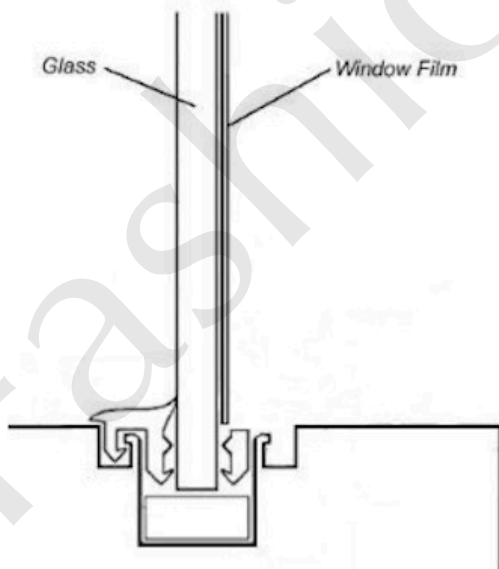
2 Trim the gasket flush to frame

Trim the gasket parallel to the frame to expose as much of the glass and frame as possible but still supporting the glass in place.



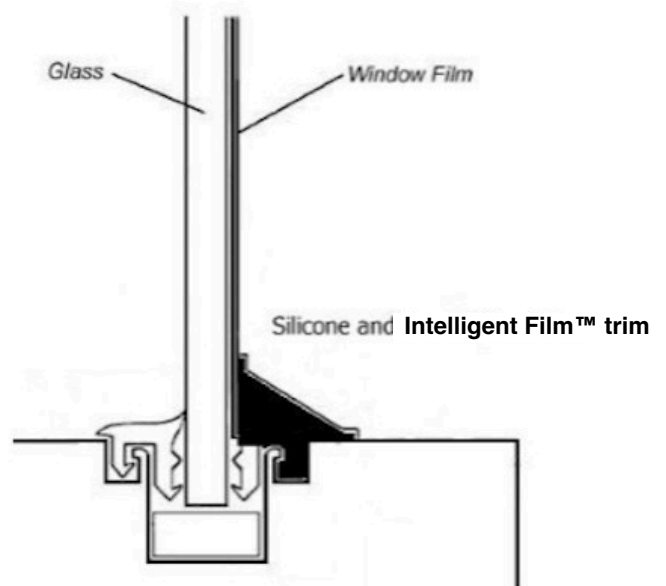
3 Install film

With the glass secure, install the window film per the manufacturer's recommendations and allow drying as specified before applying the silicone adhesive.



4 Apply silicone adhesive and Intelligent Film™ trim

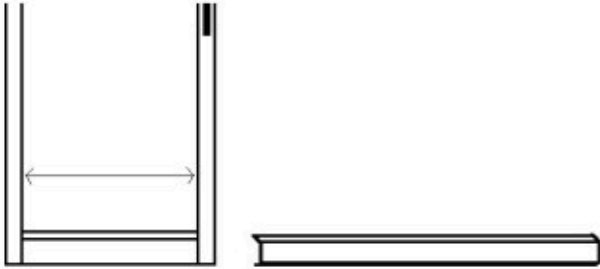
Cut Intelligent Film™ trim to size, apply the silicone adhesive to the window frame and glass. Place Intelligent Film™ trim strips in the desired location, press in place and clean any excess silicone.



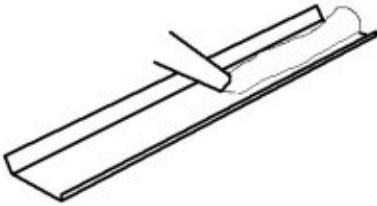
Using this method and Intelligent Film™ trim you will have 1/2" of silicone contacting the window film and 1/2" contacting the window frame providing the support as specified by all window film manufactures.

Installation guide for patio doors with narrow sill

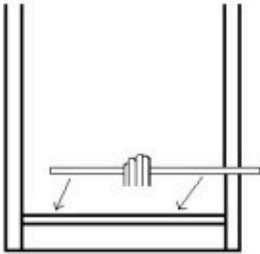
1. Measure the top and bottom width and cut the Intelligent Film trim square at each end.



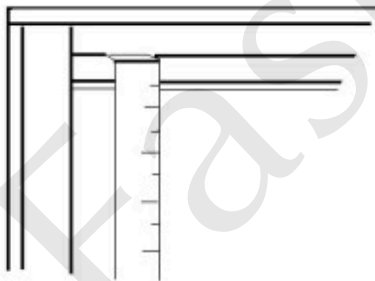
2. Apply a medium bead of sealant the length of the Intelligent Film trim.



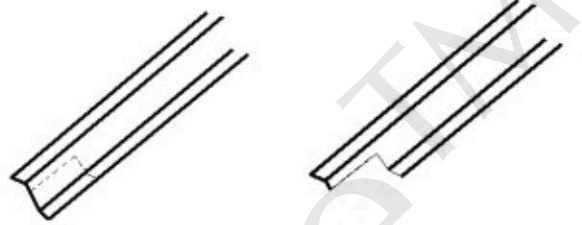
3. Place the Intelligent Film trim on the patio door.



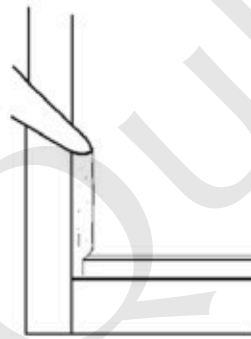
4. Measure the height from tip to tip of the already installed the Intelligent Film trim.



5. Using Intelligent Film trim square cut the ends and cut a notch to fit over the existing Intelligent Film trim.



6. Apply a triangular bead of sealant to patio door. Remember to apply enough material to adhere both the frame and film



4

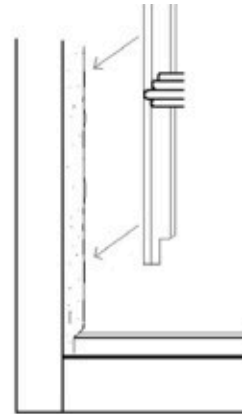
Seal all Edges with our Acid Free Neutral Cure Silicone ONLY!

IMPORTANT

RetroFit: Cover all wiring and copper busbars that are pre attached to the film with a non-conductive trim of your choice to prevent damage to the technology.
New Glass Installs: Accomodate for wiring in all installation tolerances.

Consult with our Engineering staff today!

7. Install the Intelligent film trim to patio door.



8. Clean off any excess with a plastic razor and cleaner.

Installation Video



FashionQube™ Showroom & DLW Production Plant:
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(626) 570-8328 Kelvin(English) | (909) 763-9089 Michael(中文)

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