



# PROJECT BOOK

*-POCKET EDITION-*

MOTION IN ARCHITECTURE



**LIBART**



Libart designs and fabricates operable architectural systems for discerning architects and professional clients from around the world. Libart's aluminum and glass retractable structures are innovative, functional and aesthetically attractive. They are used in restaurants, cafes, hotels, commercial and residential pools, patios, and industrial facilities. Our commitment to research, design, engineering and manufacturing is based on providing our clients with value-added retractable structures that offer flexible living and working environments, whatever the weather.

Libart has been serving the architectural industry with operable solutions for over 25 years, with manufacturing centres located in 3 continents and dealers in more than 40+ countries.

[www.libart.com](http://www.libart.com)

WE PROVIDE SOLUTIONS FOR



RESTAURANT & CAFE



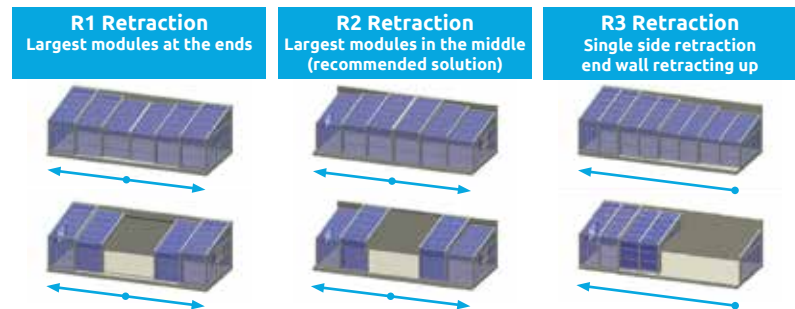
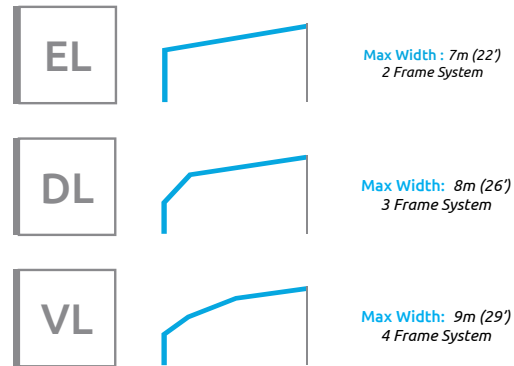
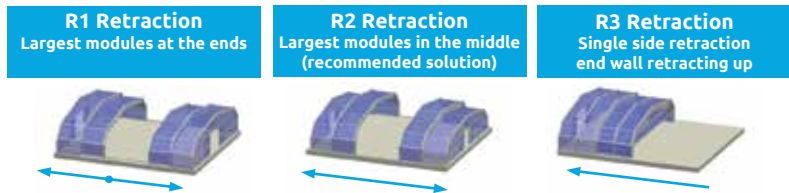
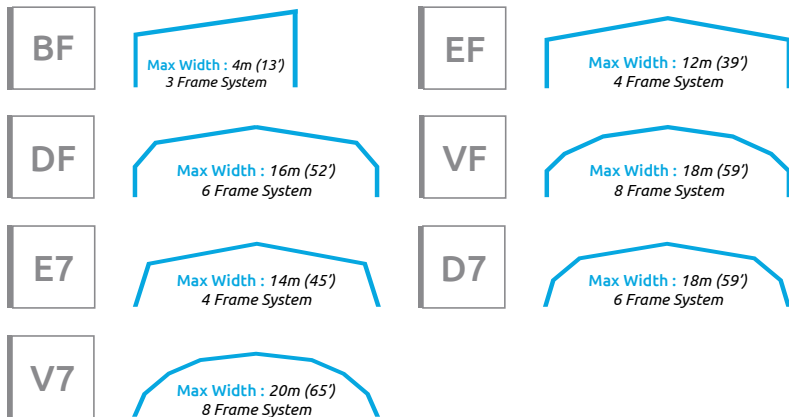
HOTEL & COMMERCIAL



RESIDENTIAL



INDUSTRIAL



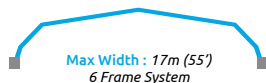
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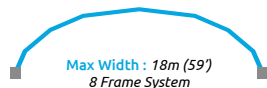
**E7B**



**D7B**



**V7B**



**BFB**



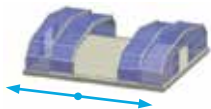
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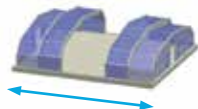
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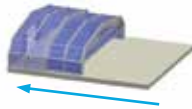
**R1 Retraction**  
Largest modules at the ends



**R2 Retraction**  
Largest modules in the middle (recommended solution)



**R3 Retraction**  
Single side retraction end wall retracting up



**AK**



**EK**



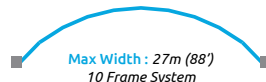
**DK**



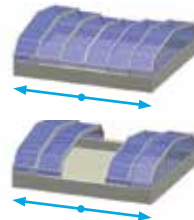
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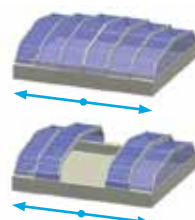
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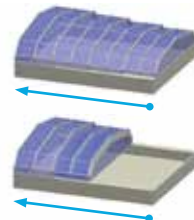
**R1 Retraction**  
Largest modules at the ends

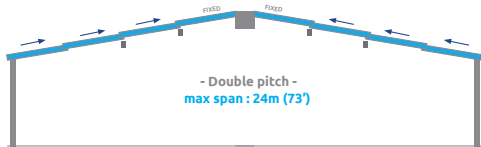
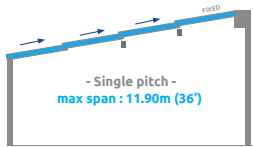


**R2 Retraction**  
Largest modules in the middle (recommended solution)

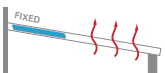
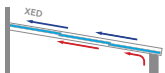


**R3 Retraction**  
Single side retraction end wall retracting up

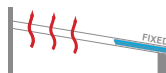
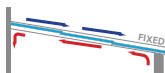




Retraction Up Opening



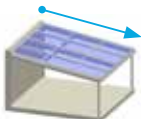
Retraction Down (available only in 66% opening)



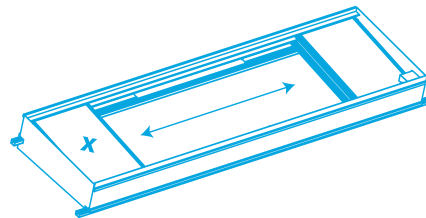
66% Retraction Opening up



66% Retraction Opening Down

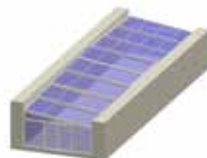


75% Retraction Opening up

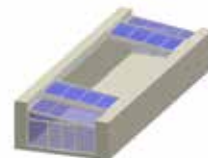


Max Width : 6m (19')  
Max Length : 28m (91')  
1 Frame System

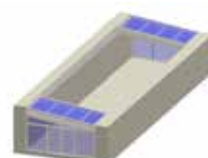
Closed Postion



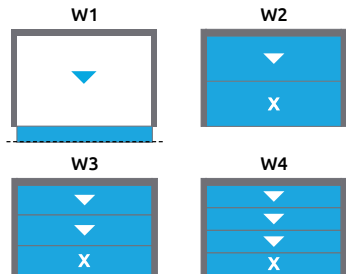
50 %Opening Optiontion



80 %Opening Optiontion

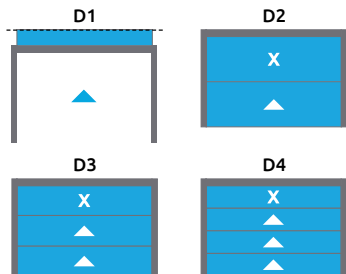


### Window Systems



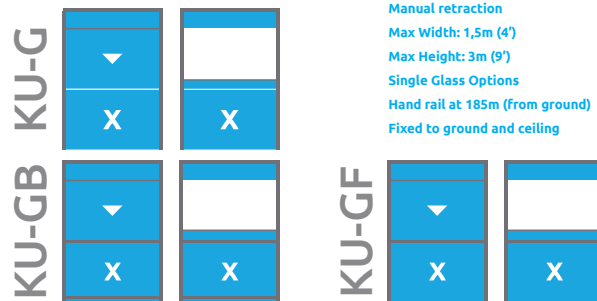
Top to ground stacking  
Internal Glass Balustrade  
Max Width: 5,5 m (18')  
Max Height: 5,5 m (18')  
Automatic Retraction  
Insulated Glass (up to 32mm)

### Door Systems



Ground to top stacking  
Fotocell Security System  
Max Width: 5,5 m (18')  
Max Height: 5,5 m (18')  
Automatic Retraction  
Insulated Glass (up to 32mm)

### Balcony system



Manual retraction  
Max Width: 1,5m (4')  
Max Height: 3m (9')  
Single Glass Options  
Hand rail at 185m (from ground)  
Fixed to ground and ceiling

### Windbreak System



Anchored to ground  
Manual retraction  
Max Width: 1,5m (4')  
Max Height: 1,85m (6')  
Single Glass Options

Portable - no Anchoring  
Manual retraction  
Max Width: 1,5m (4')  
Max Height: 1,85m (6')  
Single Glass Options

The Evolution FreeStanding systems are ideal for restaurants, cafés, smaller convention centres, function halls and swimming pools. The high vertical side walls and sectional modular transparent design, provide a feeling of spaciousness that can be easily integrated into architectural designs.

Evolution Freestanding retractable structures are designed to be easily opened and closed, giving you the flexibility of an indoor or outdoor living experience in the same area. Operation can be manual or motorized, utilizing SecurTrak™ system for structural safety and ease of use.

Evolution FreeStanding systems are environmentally friendly. Insulated glass glazing, and the ease of fully or partially opening, give you control of your own micro-climate, harnessing natural energy. Optional photovoltaic solar cells can supply power for motorization, ambient lighting needs and ventilation, removing the need for connection to mains electrical supplies.

Evolution Freestanding structures can be customized according to site and user-needs based on 7 main models.



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MOTION IN ARCHITECTURE

## FreeStanding



Max Width : 4m (13')  
3 Frame System



Max Width : 12m (39')  
4 Frame System



Max Width : 16m (52')  
6 Frame System



Max Width : 18m (59')  
8 Frame System



Max Width : 14m (45')  
4 Frame System

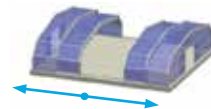


Max Width : 18m (59')  
6 Frame System

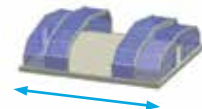


Max Width : 20m (65')  
8 Frame System

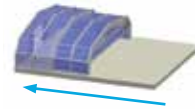
**R1 Retraction**  
Largest modules at the ends



**R2 Retraction**  
Largest modules in the middle  
(recommended solution)



**R3 Retraction**  
Single side retraction  
end wall retracting up







Project Number  
**#4921**



Project Name **Babylon Kilyos**

Location **Kilyos / Istanbul / Turkey**

Size (WxLxH) **7.2m x 8m x 3.4m (23' x 26' x 11')**

Glazing **6mm T. Tentesol Blue + 14mm + (4 + 4)mm IG**



MOTION IN ARCHITECTURE

*FreeStanding / EF*

15





Project Number  
**#4320**



FREESTANDING / EF

Project Name **Adı Bahce Restaurant**

Location **Sakarya / Turkey**

Size (WxLxH) **9.1m x 17m (29' x 55')**

Glazing **16mm SC PC & 5mm Tempered Glass**

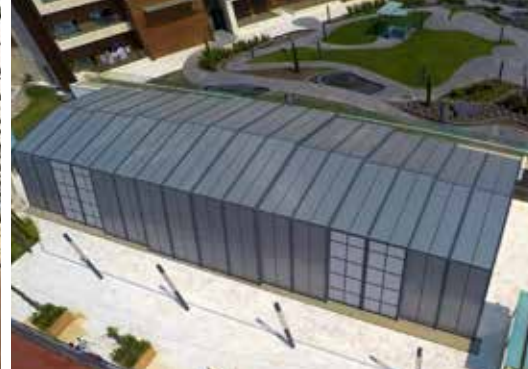


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MOTION IN ARCHITECTURE

*FreeStanding / EF*

17



Project Number  
#1285



Project Name **Ege Suits Apartments**  
Location **Bornova / Izmir / Turkey**  
Size (WxLxH) **15m x 40m (49' x 131')**  
Glazing **16mm SC Grey PC & 4mm SC Clear PC (Translucent)**



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MOTION IN ARCHITECTURE

*FreeStanding / E7*

19





Project Number  
#3847



Project Name **Skins**

Location **Havelock / New Zealand**

Size (W x H) **7.1m x 12.8m (23' x 41')**

Glazing **4mm transparent pc glazing**



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MOTION IN ARCHITECTURE

*FreeStanding / DF*

21



Project Number  
**#4655**



Project Name **The J. Parker - Chicago Lincoln Hotel**

Location **Chicago / IL / USA**

Size (WxLxH) **10.7m x 13.7m x 5.2m (35' x 44' x 17')**

Glazing **16mm SC PC & 6mm + 10mm + (4+4)mm IG**



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MOTION IN ARCHITECTURE

*FreeStanding / DF*

23





Project Number  
**#4618**



Project Name **Ooltewah Swim Club**

Location **Chattanooga / TN / USA**

Size (WxLxH) **21.4m x 33.5m (70' x 110')**

Glazing **16mm Triple Wall SC PC**



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MOTION IN ARCHITECTURE

*FreeStanding / V7*

25



Project Number  
**#4601**



Project Name **Oncu Wedding Hall**

Location **Konya / Turkey**

Size (WxLxH) **20m x 43m (65' x 141')**

Glazing **16mm SC PC & 5mm Tempered Glass**



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MOTION IN ARCHITECTURE

*FreeStanding / V7*

27





Project Number  
#4612



Project Name **Union Restaurant**

Location **Minneapolis / MN / USA**

Size (WxLxH) **10m x 22m x 6.7m (30' x 70' x 22')**

Glazing **6mm T. Reflective Glass + 10mm + (4+4)mm IG**



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MOTION IN ARCHITECTURE

*FreeStanding / V7*

29

Evolution LeanTo retractable structures are designed to provide an existing building or structure, providing the flexibility of areas for indoor and outdoor living, all in the same space. Adding the flexibility of an indoor or outdoor living experience in the same area. The operation can be manual or motorized, utilizing SecurTrak™ rail or TeleGlide™ rail free system for ease of use.

Evolution LeanTo systems are suitable for restaurants, cafés, smaller convention centers, function halls, residential patio and pools. The systems are manufactured site specifically and according to user needs from 3 base models. There are extensive door and window options to provide access and ventilation without opening the system. Evolution LeanTo systems are as environmentally friendly as Evolution FreeStanding structures with their high insulation and sustainability features.



## LeanTo



Max Width: 7m (22')  
2 Frame System



Max Width: 8m (26')  
3 Frame System

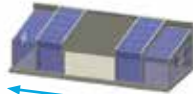


Max Width: 9m (29')  
4 Frame System

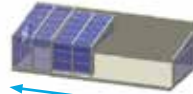
**R1 Retraction**  
Largest modules at the ends



**R2 Retraction**  
Largest modules in the middle  
(recommended solution)



**R3 Retraction**  
Single side retraction  
end wall retracting up





Project Number  
**#3588**



LEAN-TO / EL

Project Name **Dark Hill Hotel Restaurant**

Location **Laleli / Istanbul / Turkey**

Size (WxLxH) **6.2m x 22m (19' x 72') / 2 Units**

Glazing **6mm T. Sunenergy + 12mm + (4+4)mm IG**



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Project Number  
**#1420**



LEAN-TO / EL

Project Name **California Pool**

Location **Palo Alto / CA / USA**

Size (WxLxH) **7.7m x 17.0m (25' x 56')**

Glazing **16mm SC PC & 5mm Tempered Glass**



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MOTION IN ARCHITECTURE

*LeanTo / EL*

35



Project Number  
**#6006**



LEAN-TO / EL

Project Name **Godfrey Hotel**  
Location **Chicago / IL / USA**  
Size (W x L x H) **6m x 24m (19' x 78')**  
Glazing **6mm + 10mm + (4+4)mm IG**



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MOTION IN ARCHITECTURE





Project Number  
#2762



LEAN-TO / EL

Project Name **Sabanci University Hangar Cafe**  
Location **Sariyer / Istanbul / Turkey**  
Size (WxLxH) **6.6m x 16.3m (21' x 53')**  
Glazing **16mm PC & 5mm + 12mm + 5mm IG**



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MOTION IN ARCHITECTURE





Project Number  
**#3166**



Project Name **Mapel Beach Hotel**

Location **South Korea**

Size (WxLxH) **7m x 28m (22' x 91')**

Glazing **6mm T. Sunenergy + 12mm + (4+4)mm IG**



**LIBART**

MOTION IN ARCHITECTURE

*LeanTo / DL*

41



Project Number  
**#4721**



Project Name **Denver Pool**

Location **Denver / Colorado / USA**

Size (WxLxH) **7.6m x 30.6m (25' x 100')**

Glazing **10mm Clear Twin Wall + 4mm Compact PC**



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MOTION IN ARCHITECTURE

*LeanTo / DL*

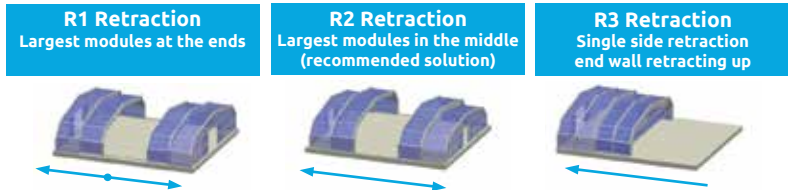
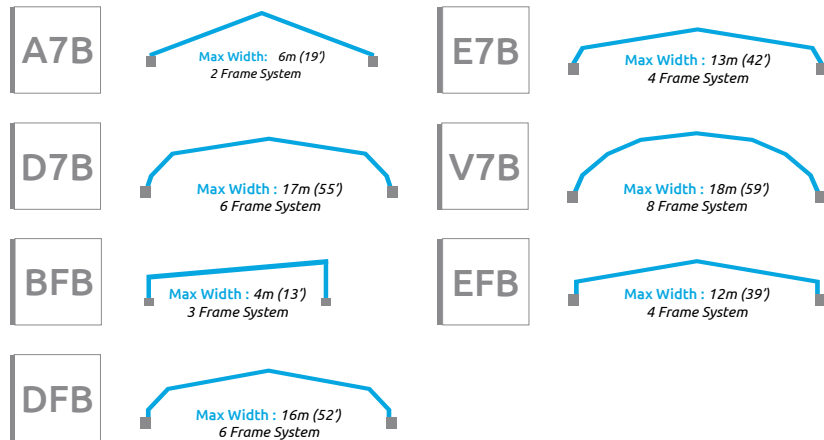
43

ClearSky, retractable skylights are designed for roof openings. Operation is usually motorised, however manual operation is also available. This model utilises the SecurTrak rail system for structural safety, and ease of operation. ClearSky retractable skylights mean that indoor spaces can now be opened up to the wide blue sky above.

ClearSky systems are ideal for commercial spaces that need a roof that can retract, creating a large opening. ClearSky systems are integrated into the existing fabric of the building. The rails are installed to the top of the roof area, and the system is designed to handle high snow loads.

ClearSky retractable systems are environmentally friendly systems utilizing 24VDC to 380 VAC motors and extensive operating options as required by client needs.

## ClearSky







ClearSky / Skylight



Project Number  
**#4707**



Project Name **Titanic Hotel**

Location **Antalya / Turkey**

Size (WxLxH) **6.4m x 20.8m (21' x 66') / 12 units**

Glazing **6mm T. Sunenergy + 12mm + (5+5)mm Clear IG**



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MOTION IN ARCHITECTURE

*ClearSky / EFB*

47



Project Number  
**#4686**



Project Name **Fremont**

Location **Chicago / IL / USA**

Size (WxLxH) **10.9m x 9.4m (36' x 31')**

Glazing **6mm T. + 10mm + (4+4)mm IG**



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MOTION IN ARCHITECTURE





Project Number  
**#5136**



CLEARSKY / EFB

Project Name **Mercedes Factory**

Location **Cekmekoy / Istanbul / Turkey**

Size (WxLxH) **5.8m x 15m (19' x 49') / 2 Units**

Glazing **16mm Multi-Wall SC PC**



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MOTION IN ARCHITECTURE





ClearSky Skylight



Project Number  
**#2572**



Project Name **The Smith**

Location **Victoria / Australia**

Size (WxLxH) **18m x 5,5m (59' x 18')**

Glazing **6mm T. Tentesol Grey + 16 + (5+5)mm clear IG**



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MOTION IN ARCHITECTURE

*ClearSky / EFB*

53



Project Number  
**#4481**



Project Name **M Gallery Accor Hotel**

Location **Istanbul / Turkey**

Size (WxLxH) **19m x 5,5m (62' x 18')**

Glazing **6mm T. Solar LowE + 14 + (4+4)mm clear IG**



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MOTION IN ARCHITECTURE





ClearSky / Skylight



Project Number  
**#5647**



Project Name **Yenitepe**

Location **Istanbul / Turkey**

Size (W x H) **27 m x 7,5 m (88' x 24')**

Glazing **6mm Solar Low-e T. + 14 + 44.2**



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MOTION IN ARCHITECTURE

*ClearSky / E7B*

57



Project Number  
**#4417**



Project Name **Mugam Hotel**

Location **Baku / Azerbaijan**

Size (WxLxH) **13.4m x 16.3m (43' x 53')**

Glazing **6mm + 12mm +(4+4)mm IG**

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MOTION IN ARCHITECTURE

*ClearSky / DFB*

59





Project Number  
**#6107**



CLEARSKY / D7B

Project Name **CVK Hotel Park Bosphorus**

Location **Beyoglu / Istanbul / Turkey**

Size (WxLxH) **10m x 22m (32' x 72')**

Glazing **6mm T. + 12mm + (4+4)mm SC Reflective Glass**



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MOTION IN ARCHITECTURE



ClearSky / Skylight



Project Number  
**#1184**



Project Name **Sienna Mercato**  
Location **Pittsburgh / PA / USA**  
Size (WxLxH) **12m x 21m (40' x 70')**  
Glazing **6mm + 10 + (4+4) IG**



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MOTION IN ARCHITECTURE

*ClearSky / V7B*

63





Project Number  
**#1827**



CLEARSKY / D7B

Project Name **MetroMall Shopping Center**  
Location **Ankara / Turkey**  
Size (WxLxH) **9m x 92m (29' x 301') / 2 units**  
Glazing **6mm T. + 12mm + (4+4)mm IG**



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MOTION IN ARCHITECTURE

*ClearSky / D7B*

65

ClearSky Dome retractable systems are designed for large-span opening skylights. Operation is motorised, using a K-Trak rail system for structural safety.

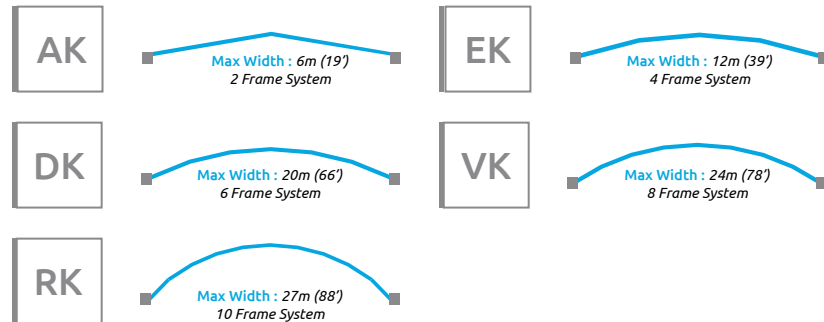
The core design of the ClearSky Dome system is similar to the ClearSky system, with the difference being the location of the rail system which is installed vertically to the sides of the opening rather than on the roof or a horizontal surface. The ClearSky – Dome system increases the net opening by reducing the horizontal surface area on the structural members that is required for the operational rails.

The ClearSky – Dome system also provides a lower total height when compared to classic ClearSky systems and are better suited for climates with low to no snow accumulation.

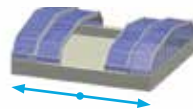
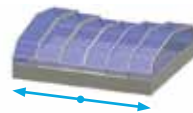
With ClearSky - Dome retractable skylights, your enclosed spaces are no longer limited to being indoor spaces only. The system provides high natural light, making them particularly suitable for shopping malls. There are 5 different configurations depending on the size of the span and local loads.



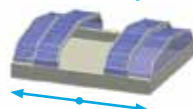
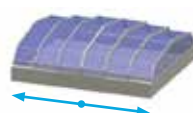
## ClearSky Segmented Dome



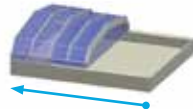
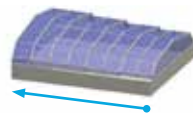
**R1 Retraction**  
Largest modules at the ends



**R2 Retraction**  
Largest modules in the middle  
(recommended solution)



**R3 Retraction**  
Single side retraction  
end wall retracting up





Project Number  
**#6686**



Project Name **Point Bornova Shopping Mall**

Location **Bornova / Izmir / Turkey**

Size (WxLxH) **10m x 21m (32' x 68') / 22 Units (5500 m<sup>2</sup>)**

Glazing **8mm T + 16 + (4+4) Laminated IG**



**LIBART**

MOTION IN ARCHITECTURE





Project Number  
**#5052**



Project Name **Endulus Park Shopping Center**  
Location **Bursa / Turkey**  
Size (WxLxH) **10m x 9m (32' x 29') / 10 systems**  
Glazing **6mm T + 12 + (4+4) Laminated IG**



**LIBART**

MOTION IN ARCHITECTURE



Project Number  
#1284



Project Name **Water Garden Shopping Mall**

Location **Istanbul / Turkey**

Size (WxLxH) **8m x 65m (26' x 213')**

Glazing **12mmT Printed Laminated Glass**



**LIBART**

MOTION IN ARCHITECTURE





Project Number  
**#3941**



Project Name **Masjid Ash Shaliheen Mosque**

Location **Brunei**

Size (WxLxH) **15m X 10m (49' x 32')**

Glazing **(6+6)mm Tempered & Laminated Reflective Glass**



**LIBART**

MOTION IN ARCHITECTURE







Project Number  
**#4699**



Project Name **Antorman Apartments**  
Location **Cekmekoy / Istanbul / Turkey**  
Size (WxLxH) **20m x 38m (65' x 124')**  
Glazing **16m Multi-Wall SC PC**



**LIBART**

MOTION IN ARCHITECTURE



Project Number  
**#5042**



Project Name **Tarek Ibn Ziad School**

Location **Doha / Qatar**

Size (WxLxH) **27m X 36m ( 88' x 118' )**

Glazing **8 mm R Tempered +16+ (4+4) laminated IG**



**LIBART**

MOTION IN ARCHITECTURE

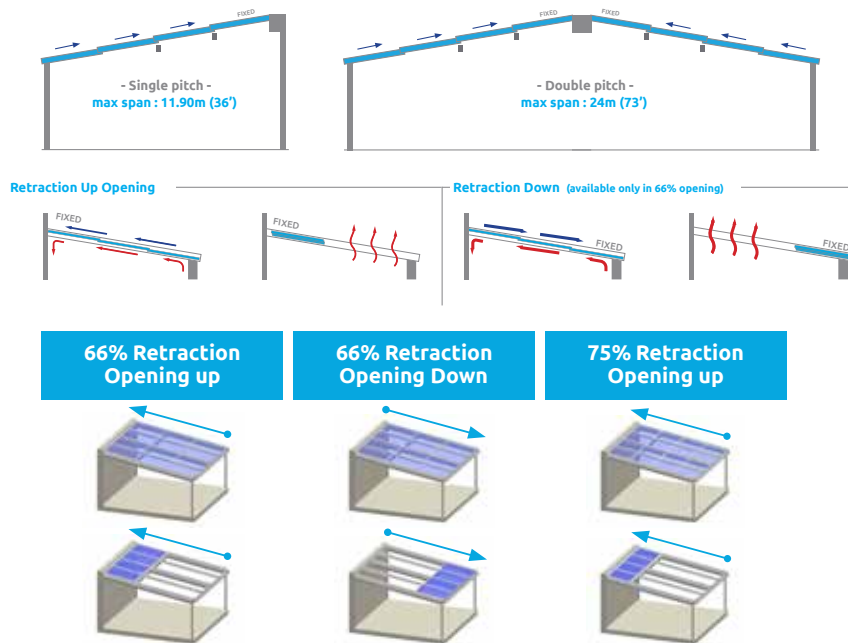
*ClearSky / RK*

79

Libart's SolaGlide systems provide profitable outdoor spaces that can be used all year round, whatever the weather. Thermally-broken mullions, insulated glass panels, and structurally bonded frames with extensive weather sealant components assure you safety and comfort.

The hidden drive and automatic tensioning systems built into the main mullions provide protection from the environment and conceal unsightly chains, cables, motor and similar drive components. Thermoplastic polyester cogged belt with steel reinforced cords are resistant to moisture, oils, UV, and extreme temperature changes, guarantees maintenance-free operation.

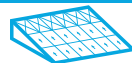
## SolaGlide







Project Number  
**#4047**



SOLAGLIDE / RRG

Project Name **Palladium Polenez Grill**

Location **Atasehir / Istanbul / Turkey**

Size (WxLxH) **27m x 22m (88' x 72')**

Glazing **6mm Coolplus Tempered + 14mm + (4+4)mm IG**



**LIBART**

MOTION IN ARCHITECTURE

*SolaGlide / RRG*

83



Project Number  
**#4647**



SOLAGLIDE / RRG

Project Name **Thales Bar Kadikoy**  
Location **Kadikoy / Istanbul / Turkey**  
Size (WxLxH) **15.5m x 8.5m (50' x 27')**  
Glazing **6mm T. Glass + 10mm + (4+4)mm IG**



**LIBART**

MOTION IN ARCHITECTURE

*SolaGlide / RRG*

85





Project Number  
**#4528**



SOLA GLIDE / RRG

Project Name **Chilai Restaurant**

Location **Bebek / Istanbul / Turkey**

Size (WxLxH) **10.4m x 6.6m (34' x 21')**

Glazing **6mm T. Glass+ 10mm +(4+4)mm IG**



**LIBART**

MOTION IN ARCHITECTURE

*SolaGlide / RRG*

87





Project Number  
**#4810**



SOLA GLIDE / RRG

Project Name **Grand Altuntas Hotel**

Location **Aksaray / Turkey**

Size (W x L x H) **20m x 29.6m (65'x97')**

Glazing **6mm + 12mm + (4+4)mm IG**



**LIBART**

MOTION IN ARCHITECTURE

*SolaGlide / RRG*

89



Project Number  
**#5934**



SOLA GLIDE / RRG

Project Name **VIP Room**

Location **Istanbul / Turkey**

Size (W x L x H) **7m x 3m (22' x 9')**

Glazing **6mm + 14mm + (4+4)mm IG**



**LIBART**

MOTION IN ARCHITECTURE

*SolaGlide / RRG*

91





Project Number  
**#1477**



SOLAGLIDE / RRG

Project Name **Bristol Hotel**

Location **Amman / Jordan**

Size (WxLxH) **23m x 11m / 25m x 11m / 3m x 10m**

Glazing **6mm + 12mm + (4+4)mm IG**



**LIBART**

MOTION IN ARCHITECTURE

*SolaGlide / RRG*

93





Project Number  
**#4587**



SOLAGLIDE / RRP

Project Name **Legal Sea Food**

Location **Boston / MA / USA**

Size (W x L x H) **18m x 9.4m (59' x 31')**

Glazing **16mm Solar Control PC Glazing**



**LIBART**

MOTION IN ARCHITECTURE

*SolaGlide / RRG*

95



Project Number  
**#1235**



SOLA GLIDE / RRG

Project Name **Fox and Pheasant**

Location **London / United Kingdom**

Size (w x h) **8 m x 7.4 m (26' x 24')**

Glazing **6mm Solar Low-E + 16 + 55.2 (acoustic pvb)**



**LIBART**

MOTION IN ARCHITECTURE

*SolaGlide / RRG*

97



Libart's SunRoof Systems are a unique outdoor roofing solution. SunRoof retracts between two walls or structures. It is a parallel system with internal pitch directing rainwater to the concealed gutter. SunRoof can incorporate insulated glass to provide thermal insulation, with retraction to the sides providing up to 75% opening. SunRoof systems retract the complete profiles and glazing, to provide an open space with no roofing elements: No profiles, no glazing, just the wide, open sky!

The sky's the limit with SunRoof systems! Make your outdoor area the space of choice, even when the weather turns rainy: With the touch of a button the roof can be closed and protected from the elements.

The concealed motor and gutter systems provide aesthetic integrity, meaning that design considerations of the internal space need not be compromised.

\*The SunRoof system is recommended in light snow areas.



## SunRoof





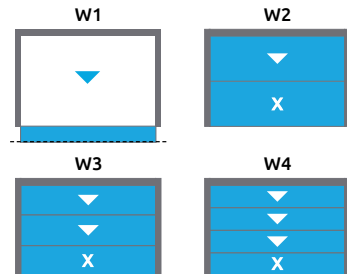
For centuries technological advances have improved the function, flexibility and variety of doors and windows. Despite this continual evolution, they have always been limited to their primary function of providing unhindered views, and allowing use of the available openings in buildings.

Libart's Panora-View represents a new paradigm in the world of architectural doors and windows: Panora-View's large spans and vertically retracting frames (up to 5,5m) provide unobstructed views and optimise the versatility of every opening in your buildings.

Put simply, they "broaden your horizons!" Imagine a wall of glass that practically disappears, providing the functionality of a door or window by sliding upwards or downwards, and taking up no space in its operation.

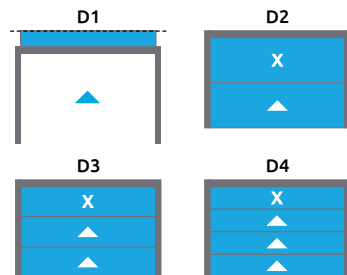


### Window Systems



Top to ground stacking  
Internal Glass Balustrade  
Max Width: 5,5 m (18')  
Max Height: 5,5 m (18')  
Automatic Retraction  
Insulated Glass (up to 32mm)

### Door Systems



Ground to top stacking  
Fotocell Security System  
Max Width: 5,5 m (18')  
Max Height: 5,5 m (18')  
Automatic Retraction  
Insulated Glass (up to 32mm)



Project Number  
**#3589**



Project Name **Dark Hill Hotel**

Location **Laleli / Istanbul / Turkey**

Size (w x h) **4.5m x 3.1m (14' x 10') / 10 Units**

Glazing **6mm T. Sunenergy + 6mm T. Clear Laminated Glass**



**LIBART**

MOTION IN ARCHITECTURE

*Panora - View / GU-W3*

103



Project Number  
#4833



PANORA - VIEW / GU-W3

Project Name **Carolina Ale House Restaurant**

Location **Raleigh /NC /USA**

Size (w x h) **3.8m x 2.7m (12' x 8') / 14 Units**

Glazing **6mm T. Sunenergy + 6mm T. Clear Laminated Glass**



**LIBART**

MOTION IN ARCHITECTURE

*Panora - View / GU-W3*

105





Project Number  
**#4126**

**PANORA - VIEW / GU-W2**

Project Name **Vallgatan Coffee Shop**

Location **Sweden**

Size (w x h) **4,3 x 2,8 m (14' x 9')**

Glazing **8mm Tempered + 16 + 8mm Tempered**



**LIBART**

MOTION IN ARCHITECTURE

*Panora - View / GU-W2*

107



Project Number  
**#2101**



Project Name **Cooper's Hawk Winery**

Location **Liberty Twp. /OH /USA**

Size (w x h) **4,2 x 3,6 m (13' x 11') / 2 Units**

Glazing **8mm Tempered + 16 + 8mm Tempered**



**LIBART**

MOTION IN ARCHITECTURE

*Panora - View / GU-D4*

109





Project Number  
#3487



PANORA - VIEW / GU-D4

Project Name **Brasserie Lipp**

Location **Sweden**

Size (w x h) **3 x 2,9 m (9' x 9') / 2 Units**

Glazing **8mm Tempered + 16 + 8mm Tempered**



**LIBART**

MOTION IN ARCHITECTURE

*Panora - View / GU-D4*

111



Project Number  
**#6623**



Project Name **Steam Hotel**

Location **Sweden**

Size (w x h) **3 x 2,9 m (9' x 9') / 2 Units**

Glazing **8mm Tempered + 16 + 8mm Tempered**



**LIBART**

MOTION IN ARCHITECTURE

*Panora - View / GU-D4*

113

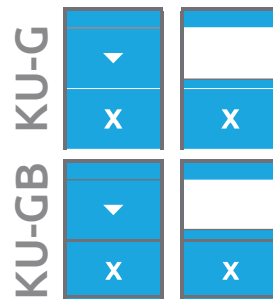


The Kinetic windbreak system is a vertically retracting balustrade that is suitable for outdoor applications. The single-glazed tempered glass panes function as both balcony balustrade and windbreak system without any profile sections in the middle. Kinetic systems provide all the benefits of a glass railing, with the convenience of an additional wind and rain shield when required. Kinetic systems utilise a concealed self-charging piston system that eliminates the unsightly counterweights, thick profiles, cables, and pulleys that are used by other inferior systems. Kinetic opens manually and closes automatically with a simple touch.

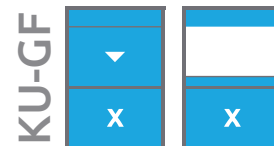
Versatility and design come together with Panora-Kinetic Systems. Uninterrupted panoramic views are guaranteed, with no compromise necessary! Portable (KU-FB) or ground-fixed (KU-FC) glass windbreak can complement architectural features, with adjustable height and a sense of distinction. Kinetic Systems (FC and FB) are manufactured from structural glass for reliable durability. One of the major benefits of the Kinetic system is the lack of horizontal profiles. This removes unsightly visual clutter, creating an unobstructed view that benefits business owners and patrons alike.

Panora - Kinetic

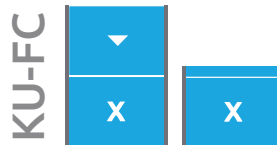
Balcony system



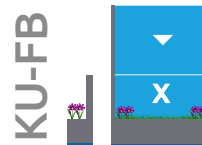
Manual retraction  
 Max Width: 1,6m (5')  
 Max Height: 3m (9')  
 Single Glass Options  
 Handle at 185m (from ground)  
 Fixed to ground and ceiling



Windbreak System



Anchored to ground  
 Manual retraction  
 Max Width: 1,6m (5')  
 Max Height: 1,85m (6')  
 Single Glass Options



Portable - no Anchoring required  
 Manual retraction  
 Max Width: 1,6m (5')  
 Max Height: 1,85m (6')  
 Single Glass Options



Project Number  
**#2196**



PANORA - KINETIC / KU-GB

Project Name **Iron Shore**

Location **Cayman Islands**

Size (WxH) **1.5m x 2.10m ( 4' x 6' ) / 6 Units**

Glazing **6mm Tempered Blue**



**LIBART**

MOTION IN ARCHITECTURE

*Panora - Kinetic / KU-G/GB/GF*

117





Project Number  
#3869



Project Name **Mono Cafe**

Location **Istanbul / Turkey**

Size (w x h) **1.5m x 1.85m (4' x 6') / 12 Units**

Glazing **6mm Tempered Glass**



**LIBART**

MOTION IN ARCHITECTURE

*Panora - Kinetic / KU-FC*

119



Project Number  
**#3564**



PANORA - KINETIC / KU-FC

Project Name **M Gallery Accor Hotel**

Location **Istanbul / Turkey**

Size (w x h) **1.5m x 1.85m (4' x 6') / 47 Units**

Glazing **6mm Tempered Glass**



**LIBART**

MOTION IN ARCHITECTURE

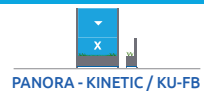
*Panora - Kinetic / KU-FC*

121





Project Number  
**#1347**



PANORA - KINETIC / KU-FB

Project Name **Rönesans Shopping Mall**

Location **Istanbul / Turkey**

Size (w x h) **1.5m x 1.85m / 200 Units**

Glazing **6mm Tempered Glass**



**LIBART**

MOTION IN ARCHITECTURE

*Panora - Kinetic / KU-FB*

123



**LIBART** MOTION IN ARCHITECTURE

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