
LINEA ROSSA®
WINDOWS | DOORS | FACADE
ALL®
STATES
architectural systems
www.linearossadesign.com

ALL® STATES
WINDOWS | DOORS | FACADE

LR series

HURRICANE IMPACT FORTE series

grande series

Architectural systems
without limits.

One **Frame**.
Every



LINEA ROSSA®

THE STORY STAYS OUTSIDE

When nature pushes harder
performance matters more.



HURRICANE
IMPACT

FORTE series







Preferred When
Every Detail Matters



HURRICANE
IMPACT

FORTE series

01 LR **210** **SINGLE** HUNG

03 LR **220** **HORIZONTAL** ROLLING

05 LR **230** **SLIDING GLASS** DOOR

07 LR **420** **CASEMENT** WINDOW

09 LR **420F** **FIXED** WINDOW

11 LR **530** **TB. CASEMENT** WINDOW

13 LR **530F** **TB. FIXED** WINDOW

15 LR **460** **FRENCH** DOOR

17 LR **480** **BI-FOLD** DOOR

Explore the series. For further technical information and project consultation,

please get in touch with our specialists.

For color options, see the Color Collection section at the end of this catalog.

Aluminium in Three
Distinct Forms:

Hurricane resilience, refined elegance, and everyday performance.

FL **APPROVAL**

SOUND **PERFORMANCE**

WATER **ISOLATION**

MINIMAL LOOK **MAXIMUM VIEW**

MAXIMUM **SECURITY**







TECHNICAL SPECIFICATIONS:

A I	FRAME SILL **WIDTH**	3 1/16 "
B I	FRAME SILL **HEIGHT**	3 3/8 "



FL
APPROVAL



SOUND
PERFORMANCE



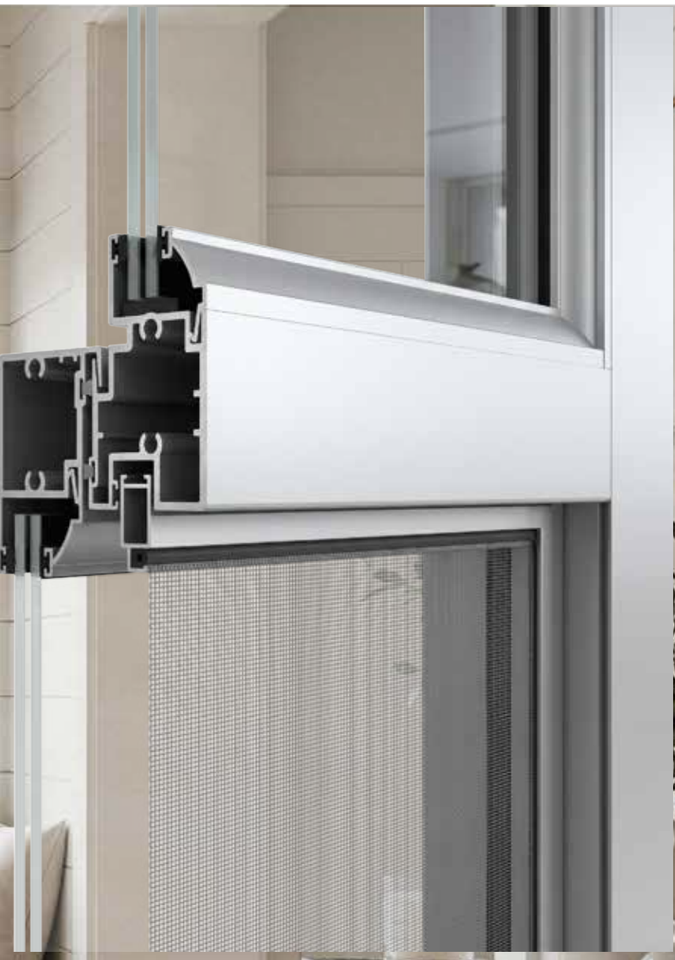
WATER
ISOLATION

- **Clean Vertical Operation**
  Features a fixed upper sash and a vertically sliding lower sash for effortless, space-saving use.
- **Secure Locking Mechanism**
  Integrated safety lock ensures reliable closure and user peace of mind.
- **Thermal Efficiency**
  Engineered with high-performance insulation to support energy savings and interior comfort.
- **Modern Architectural Fit**
  Slim, sleek aluminum profile blends seamlessly into contemporary residential or commercial facades.
- **Low Maintenance Durability**
  Corrosion-resistant aluminum frame offers long-lasting performance with minimal upkeep.



Glazing Bar Layout





GLASS TYPE

	PVB	SGP
	3/16" + 0,09" (PVB) + 3/16" HEAT STREN'D GLASS LAMINATED GLASS	3/16" + 0,09" (SGP) + 3/16" HEAT STREN'D GLASS LAMINATED GLASS
	1/4" + 0,09" (PVB) + 1/4" HEAT STREN'D GLASS LAMINATED GLASS	1/4" + 0,09" (SGP) + 1/4" HEAT STREN'D GLASS LAMINATED GLASS
	5/32" + 3/8" AIR SPACE + 5/32" +0,09" (PVB) + 5/32" HEAT STREN'D GLASS INSULATED LAMINATED GLASS	5/32" + 3/8" AIR SPACE + 5/32" +0,09" (SGP) + 5/32" HEAT STREN'D GLASS INSULATED LAMINATED GLASS

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LR220 | HORIZONTAL ROLLING

FL Approval **FL38693_R0_II**

HURRICANE IMPACT

DESIGNED by
LINEA ROSSA®
WINDOWS I DOORS I FACADE

FL APPROVAL

SOUND PERFORMANCE

WATER ISOLATION

- **Durable Stainless Steel Driver ensures long-lasting, smooth operation**
- Horizontally sliding sash design for easy and practical use
- **Window latch and sash lock for strength and security**
- Precision rollers for quiet and effortless gliding
- Clean and modern profile compatible with various architectural styles

TECHNICAL SPECIFICATIONS:

A I FRAME JAMB **WIDTH** | 3 "

B I FRAME JAMB **HEIGHT** | 4 "



GLASS TYPE

PVB	SGP
3/16" + 0,09" (PVB) + 3/16" HEAT STREN'D GLASS LAMINATED GLASS	3/16" + 0,09" (SGP) + 3/16" HEAT STREN'D GLASS LAMINATED GLASS
1/4" + 0,09" (PVB) + 1/4" HEAT STREN'D GLASS LAMINATED GLASS	1/4" + 0,09" (SGP) + 1/4" HEAT STREN'D GLASS LAMINATED GLASS
5/32" + 3/8" AIR SPACE + 5/32" +0,09" (PVB) + 5/32" HEAT STREN'D GLASS INSULATED LAMINATED GLASS	5/32" + 3/8" AIR SPACE + 5/32" +0,09" (SGP) + 5/32" HEAT STREN'D GLASS INSULATED LAMINATED GLASS

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LR230 | SLIDING GLASS DOOR

FL Approval **FL38755_R0_II**

HURRICANE IMPACT

DESIGNED by
LINEA ROSSA®
WINDOWS I DOORS I FACADE



Sliding sy stem allows
up to **six operable panels**

TECHNICAL SPECIFICATIONS:

A I 3 TRACK FRAME SILL **WIDTH**	5 4/16 "
B I 3 TRACK FRAME SILL **HEIGHT**	2 11/16 "

GLASS TYPE

PVB	SGP
1/4" + 0,09" (PVB) + 1/4" HEAT STREN'D GLASS LAMINATED GLASS	1/4" + 0,09" (SGP) + 1/4" HEAT STREN'D GLASS LAMINATED GLASS

- **Space-Efficient Sliding Design**
  Horizontally moving panels offer seamless indoor-outdoor transitions without occupying extra space.
- **Durable Stainless Steel Rollers**
  Provides smooth, long-lasting operation even under frequent use.
- **Maximized Natural Light**
  Large glass surfaces bring in ample daylight and offer unobstructed views.
- **Reliable Sealing Performance**
  Integrated weather seals ensure thermal and acoustic insulation.
- **Sleek Architectural Aesthetics**
  Minimalist aluminum profile complements modern architectural lines.

FL **APPROVAL**

SOUND **PERFORMANCE**

WATER **ISOLATION**





TECHNICAL SPECIFICATIONS:

A I FRAME **WIDTH** | 3 "

B I FRAME **HEIGHT** | 3 7/16 "

GLASS TYPE

PVB	SGP
3/16" + 0,09" (PVB) + 3/16" HEAT STREN'D GLASS LAMINATED GLASS	3/16" + 0,09" (SGP) + 3/16" HEAT STREN'D GLASS LAMINATED GLASS
1/4" + 0,09" (PVB) + 1/4" HEAT STREN'D GLASS LAMINATED GLASS	1/4" + 0,09" (SGP) + 1/4" HEAT STREN'D GLASS LAMINATED GLASS
5/32" + 3/8" AIR SPACE + 5/32" +0,09" (PVB) + 5/32" HEAT STREN'D GLASS INSULATED LAMINATED GLASS	5/32" + 3/8" AIR SPACE + 5/32" +0,09" (SGP) + 5/32" HEAT STREN'D GLASS INSULATED LAMINATED GLASS

- **Wide Opening, Spacious Interiors**
  Outward-opening sash design offers maximum ventilation and unobstructed views.
- **Triple Gasket System**
  Triple gasket application for water resistance and air insulation.
- **Superior Insulation Performance**
  Advanced sealing profiles and specialized gaskets ensure excellent thermal and acoustic insulation.

FL **APPROVAL**

SOUND **PERFORMANCE**

WATER **ISOLATION**

LR420F | **FIXED** WINDOW

FL Approval **FL34543_R0_II**

HURRICANE IMPACT

DESIGNED by
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420 Fixed – Arch Application Option

Its arched design integrates seamlessly with custom architectural concepts. The high workability of aluminum profiles enables easy implementation of fixed glazed arch forms. Thermal insulation and sealing performance remain equivalent to standard shapes.

TECHNICAL SPECIFICATIONS:

A | FRAME **WIDTH** | 3 "

B | FRAME **HEIGHT** | 2 1/4 "

GLASS TYPE

PVB	SGP
3/16" + 0,09" (PVB) + 3/16" HEAT STREN'D GLASS LAMINATED GLASS	3/16" + 0,09" (SGP) + 3/16" HEAT STREN'D GLASS LAMINATED GLASS
1/4" + 0,09" (PVB) + 1/4" HEAT STREN'D GLASS LAMINATED GLASS	1/4" + 0,09" (SGP) + 1/4" HEAT STREN'D GLASS LAMINATED GLASS
5/32" + 3/8" AIR SPACE + 5/32" +0,09" (PVB) + 5/32" HEAT STREN'D GLASS INSULATED LAMINATED GLASS	5/32" + 3/8" AIR SPACE + 5/32" +0,09" (SGP) + 5/32" HEAT STREN'D GLASS INSULATED LAMINATED GLASS

FL **APPROVAL**

SOUND **PERFORMANCE**

WATER **ISOLATION**

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LR530 | THERMALLY BROKEN CASEMENT WINDOW

HURRICANE IMPACT

DESIGNED by LINEA ROSSA®
WINDOWS I DOORS I FACADE



GLASS TYPE

SGP

5/32" + 3/8" AIR SPACE + 5/32"
+0,09" (SGP) + 5/32"

HEAT STREN'D GLASS
INSULATED LAMINATED GLASS

TECHNICAL SPECIFICATIONS:

A | FRAME **WIDTH** | 4 1/8 "

B | FRAME **HEIGHT** | 3 5/16 "

- **Thermal Break Technology**
  A built-in thermal barrier minimizes heat transfer between interior and exterior environments, significantly improving energy efficiency.
- **High Insulation Performance**
  Advanced sealing and thermal design provide superior resistance against heat loss, enhancing indoor comfort in all seasons.

SOUND **PERFORMANCE**

WATER **ISOLATION**

LR530 | THERMALLY BROKEN FIXED WINDOW

HURRICANE IMPACT

DESIGNED by LINEA ROSSA®
WINDOWS I DOORS I FACADE

FL Approval **FL41693_R0_II**



TECHNICAL SPECIFICATIONS:

A | FRAME **WIDTH** | 4 1/8 "

B | FRAME **HEIGHT** | 17/16 "

GLASS TYPE

SGP



5/32" + 3/8" AIR SPACE + 5/32"
+0,09" (SGP) + 5/32"

HEAT STREN'D GLASS
INSULATED LAMINATED GLASS

"**Thermal Control.** Timeless Clarity."

- **Thermal Break Technology**
  Integrated thermal barrier significantly reduces heat transmission, enhancing energy efficiency and interior comfort.
- **High Insulation Performance**
  Engineered for superior thermal and acoustic insulation, maintaining indoor stability in all climate conditions.

FL **APPROVAL**

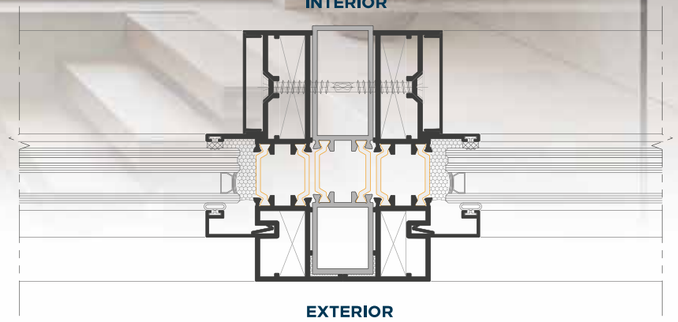
SOUND **PERFORMANCE**

WATER **ISOLATION**



± 80 PSF

INTERIOR

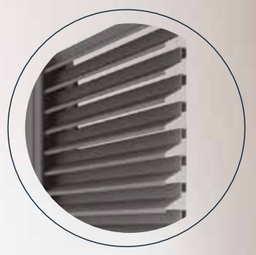


EXTERIOR

www.linearossadesign.com

GLASS TYPE

PVB	SGP
3/16" + 0,09" (PVB) + 3/16" HEAT STREN'D GLASS LAMINATED GLASS	3/16" + 0,09" (SGP) + 3/16" HEAT STREN'D GLASS LAMINATED GLASS
1/4" + 0,09" (PVB) + 1/4" HEAT STREN'D GLASS LAMINATED GLASS	1/4" + 0,09" (SGP) + 1/4" HEAT STREN'D GLASS LAMINATED GLASS
5/32" + 3/8" AIR SPACE + 5/32" +0,09" (PVB) + 5/32" HEAT STREN'D GLASS INSULATED LAMINATED GLASS	5/32" + 3/8" AIR SPACE + 5/32" +0,09" (SGP) + 5/32" HEAT STREN'D GLASS INSULATED LAMINATED GLASS



LOUVER OPTION



RESIDENTIAL TECHNICAL SPECIFICATIONS:

A | STANDARD FRAME SILL **WIDTH** | 4 5/8 "
B | STANDARD FRAME SILL **HEIGHT** | 1 3/4 "

COMMERCIAL TECHNICAL SPECIFICATIONS:

A | STANDARD FRAME SILL **WIDTH** | 4 5/8 "
B | STANDARD FRAME SILL **HEIGHT** | 1 /2 "



FL **APPROVAL**

SOUND **PERFORMANCE**

WATER **ISOLATION**

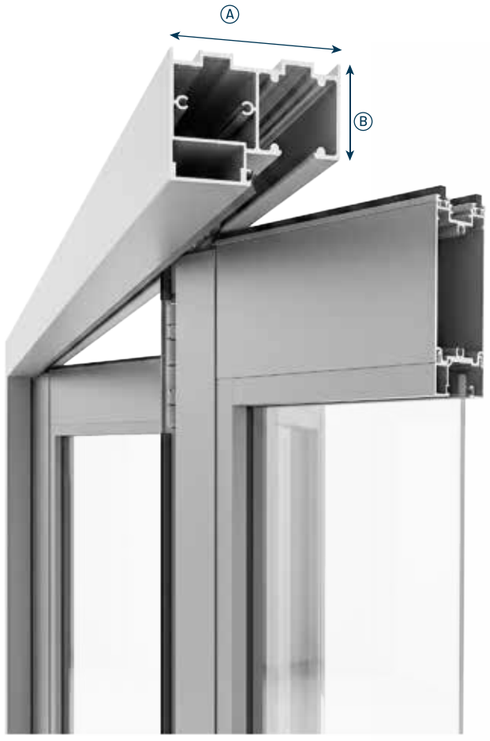
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LR480 | BI-FOLD DOOR

FL Approval **FL40702_R0_II**

HURRICANE IMPACT

DESIGNED by
LINEA ROSSA®
WINDOWS I DOORS I FACADE



TECHNICAL SPECIFICATIONS:

A | FRAME HEAD **WIDTH** | 3 7/8 "

B | FRAME HEAD **HEIGHT** | 2 13/16 "

"Available in bi-fold designs with up to **14 operable panels.**"

GLASS TYPE

	PVB	SGP
	3/16" + 0,09" (PVB) + 3/16" HEAT STREN'D GLASS LAMINATED GLASS	3/16" + 0,09" (SGP) + 3/16" HEAT STREN'D GLASS LAMINATED GLASS
	1/4" + 0,09" (PVB) + 1/4" HEAT STREN'D GLASS LAMINATED GLASS	1/4" + 0,09" (SGP) + 1/4" HEAT STREN'D GLASS LAMINATED GLASS
	5/32" + 3/8" AIR SPACE + 5/32" +0,09" (PVB) + 5/32" HEAT STREN'D GLASS INSULATED LAMINATED GLASS	5/32" + 3/8" AIR SPACE + 5/32" +0,09" (SGP) + 5/32" HEAT STREN'D GLASS INSULATED LAMINATED GLASS



RESIDENTIAL THRESHOLD

- **Three Point Lock System**
  Integrated three-point locking mechanism enhances security and ensures firm closure across multiple panels.
- **Smooth Folding Operation**
  Precision-engineered rollers and hinges provide effortless, quiet folding movement for daily comfort.



FL APPROVAL

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FORTE series

APPROVAL DIMENSIONS

HURRICANE IMPACT

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LR210 | SINGLE HUNG

FL Approval **FL39251_R0_II**

WIDTH	HEIGHT
MAX. WIDTH UP TO ≤	MAX. HEIGHT UP TO ≤
54 "	**66 "**
48 "	**78 "**
42 "	**90 "**
60 "	**60 "**

LR420 | CASEMENT WINDOW

FL Approval **FL39598_R0_II**

WIDTH	HEIGHT
MAX. WIDTH UP TO ≤	MAX. HEIGHT UP TO ≤
79 "	**46 "**
61 "	**58 "**
55 "	**64 "**
49 "	**76 "**
42 "	**90 "**

LR460 | FRENCH DOOR

FL Approval **FL38501_R0_II**

WITH TRANSOM		**WITHOUT** TRANSOM	
WIDTH		HEIGHT	
MAX. WIDTH UP TO ≤		MAX. HEIGHT UP TO ≤	
SINGLE DOOR		**SINGLE DOOR**	
144 " X 50 "		**120 " X 50 "**	
DOUBLE DOOR		**DOUBLE DOOR**	
144 " X 99 1/4 "		**120 " X 99 1/4 "**	

LR220 | HORIZONTAL ROLLING

FL Approval **FL38693_R0_II**

PANEL	
WIDTH	HEIGHT
MAX. WIDTH UP TO ≤	MAX. HEIGHT UP TO ≤
54 "	**60 "**
48 "	**66 "**
42 "	**78 "**
39 "	**84 "**
36 "	**90 "**

LR420F | FIXED CASEMENT

FL Approval **FL34543_R0_II**

WIDTH	HEIGHT
MAX. WIDTH UP TO ≤	MAX. HEIGHT UP TO ≤
54 "	**66 "**
48 "	**78 "**
42 "	**90 "**

LR480 | BI-FOLD DOOR

FL Approval **FL40702_R0_II**

PANEL	
WIDTH	HEIGHT
MAX. WIDTH UP TO ≤	MAX. HEIGHT UP TO ≤
54 "	**82 3/16 "**
48 "	**88 3/16 "**
42 "	**100 3/16 "**
40 "	**112 3/16 "**

LR230 | SLIDING GLASS DOOR

FL Approval **FL38755_R0_II**

PANEL	
WIDTH	HEIGHT
MAX. WIDTH UP TO ≤	MAX. HEIGHT UP TO ≤
60 "	**96 "**
54 "	**102 "**
48 "	**120 "**

LR530F | TH. BROK. FIXED WIN.

FL Approval **FL41693_R0_II**

WIDTH	HEIGHT
MAX. WIDTH UP TO ≤	MAX. HEIGHT UP TO ≤
54 "	**66 "**
48 "	**78 "**
42 "	**90 "**

GLR96 grande | WINDOW WALL

FL Approval **FL41922_R0_II**

WITHOUT REINF.

WIDTH	HEIGHT
MAX. WIDTH UP TO ≤	MAX. HEIGHT UP TO ≤
84 "	**120 "**

WITHOUT REINF.

WIDTH	HEIGHT
MAX. WIDTH UP TO ≤	MAX. HEIGHT UP TO ≤
72 "	**96 "**
66 "	**108 "**
60 "	**120 "**

WITH ALM. REINF.

WIDTH	HEIGHT
MAX. WIDTH UP TO ≤	MAX. HEIGHT UP TO ≤
84 "	**96 "**
78 "	**108 "**
72 "	**120 "**

GLR28 grande | SLIDING GLASS DOOR

FL Approval **FL42012_R0_II**

PANEL	
WIDTH	HEIGHT
MAX. WIDTH UP TO ≤	MAX. HEIGHT UP TO ≤
61 1/2 "	**120 "**

GLR97 grande | WINDOW WALL

FL Approval **FL41922_R0_II**

WITHOUT REINF.

WIDTH	HEIGHT
MAX. WIDTH UP TO ≤	MAX. HEIGHT UP TO ≤
54 "	**132 "**
48 "	**156 "**

WITH ALM. REINF.

WIDTH	HEIGHT
MAX. WIDTH UP TO ≤	MAX. HEIGHT UP TO ≤
78 "	**132 "**
72 "	**144 "**
66 "	**156 "**
60 "	**180 "**

WITH ALM. REINF.

WIDTH	HEIGHT
MAX. WIDTH UP TO ≤	MAX. HEIGHT UP TO ≤
54 "	**132 "**
48 "	**156 "**

WITH STEEL REINF.

WIDTH	HEIGHT
MAX. WIDTH UP TO ≤	MAX. HEIGHT UP TO ≤
78 "	**132 "**
72 "	**144 "**
66 "	**156 "**
60 "	**180 "**

Check the size tables on **FL Approval documents for more options**

Designed for

Elevated Living

ABOVE IT ALL

DISCOVER WHAT LIES ABOVE.



grande series











grande

GLR **U28**
SLIDING SYSTEM 25

GLR **U27**
SLIDING SYSTEM 27

GLR **95**
CURTAIN WALL SYSTEM 29

GLR **U96-U97**
WINDOW WALL SYSTEM 31

GLR **65**
STOREFRONT SYSTEM 33

GLR **37**
35 **MINIMAL SLIDING** SYSTEM

GLR **33**
37 **SLIDING** SYSTEM

GLR **36**
39 **SLIDING** SYSTEM

GLR **53**
41 **OPENING** SYSTEM

GLR **63**
43 **BI-FOLD** SYSTEM

GLR **64**
45 **BI-FOLD** SYSTEM

GLR **50**
47 **ENTRANCE DOOR** SYSTEM

GLR **51**
49 **PIVOT DOOR** SYSTEM

HURRICANE IMPACT

FL **APPROVAL**

Explore the series. For further technical information and project consultation,

please get in touch with our specialists.

Aluminium in Three
Distinct Forms:

Architectural innovation, premium craftsmanship, and everyday performance.

SOUND **PERFORMANCE**

WATER **ISOLATION**

MINIMAL LOOK **MAXIMUM VIEW**

MAXIMUM **SECURITY**

For color options, see the Color Collection section at the end of this catalog.



GLR U28 grande | SLIDING SYSTEM

FL Approval **FL42012_R0_II**

HURRICANE IMPACT

DESIGNED by
LINEA ROSSA®
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GLASS TYPE

	SGP
	1/4" + 0,09" (SGP) + 1/4" HEAT STREN'D GLASS LAMINATED GLASS
	1/4" + 9/16" AIR SPACE + 1/4" +0,09" (SGP) + 1/4" HEAT STREN'D GLASS INSULATED LAMINATED GLASS

MAXIMUM PANEL WIDTH 61 1/2 "
MAXIMUM PANEL HEIGHT 120 "

TECHNICAL SPECIFICATIONS:

A I 3 TRACK FRAME SILL **WIDTH** I 8 15/16 "
B I 3 TRACK FRAME SILL **HEIGHT** I 3 9/16 "

A I 2 TRACK FRAME SILL **WIDTH** I 5 7/8 "
B I 2 TRACK FRAME SILL **HEIGHT** I 3 9/16 "

"**Wider Taller** Stronger."

- **Space-Efficient Sliding Design**
  Horizontally moving panels offer seamless indoor-outdoor transitions without occupying extra space.
- **Durable Stainless Steel Rollers**
  Provides smooth, long-lasting operation even under frequent use.
- **Maximized Natural Light**
  Large glass surfaces bring in ample daylight and offer unobstructed views.
- **Reliable Sealing Performance**
  Integrated weather seals ensure thermal and acoustic insulation.

U28 Sliding System offers a wide range of application options including **pocket, lift & slide, and corner sliding solutions.**

FL **APPROVAL** | SOUND **PERFORMANCE** | WATER **ISOLATION**



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Clean Lines, Clear Views,

DRAINAGE DEPTH:

2 **TRACK** | 7 1/16 "
3 **TRACK** | 9 15/16 "

TECHNICAL SPECIFICATIONS:

A | 3 TRACK FRAME SILL **WIDTH** | 7 15/16 "
B | 3 TRACK FRAME SILL **HEIGHT** | 1 15/16 "

A | 2 TRACK FRAME SILL **WIDTH** | 5 1/16 "
B | 2 TRACK FRAME SILL **HEIGHT** | 1 15/16 "

GLASS TYPE



PVB	SGP
1/4" + 0,09" (PVB) + 1/4" HEAT STREN'D GLASS LAMINATED GLASS	1/4" + 0,09" (SGP) + 1/4" HEAT STREN'D GLASS LAMINATED GLASS

Standard 9/16" glass thickness

800 kg sash carrying capacity thanks to the double bearing in each sash.

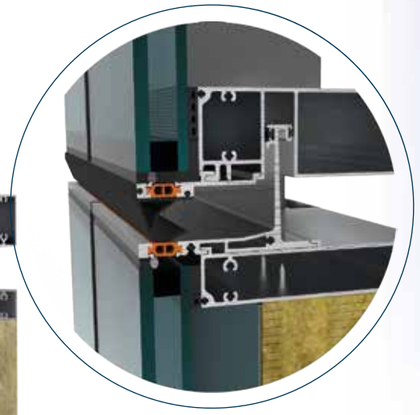
MINIMAL LOOK **MAXIMUM VIEW**

MAXIMUM **SECURITY**

WATER **ISOLATION**

SOUND **PERFORMANCE**





PREFABRICATED PANELS
PROVIDE FAST AND EFFICIENT INSTALLATION

APPLICATION FEATURES	
QUICK AND EASY INSTALLATION	✓
WEATHER RESISTANCE	✓
UNINTERRUPTED VIEW	✓
ENERGY EFFICIENCY	✓
HEAT AND SOUND INSULATION	✓
SPECIAL SOLUTIONS ADAPTED TO BUILDING CHARACTERISTICS	✓
APPLICATION WITH DIFFERENT DOOR-WINDOW SYSTEMS	✓

TECHNICAL SPECIFICATIONS:

A | FRAME **WIDTH** | 6 5/16 "

B | FRAME **HEIGHT** | 3 "

Where Halo Meets Innovation
GLR 95 on Display.

MINIMAL LOOK
MAXIMUM VIEW

MAXIMUM
SECURITY

WATER
ISOLATION

SOUND
PERFORMANCE

HALO TOWER
NEWARK, NEW JERSEY



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GLASS TYPE

PVB SMI	SGP SMI
1/4" + 0,09" (PVB) + 1/4" HEAT STREN'D GLASS LAMINATED GLASS	1/4" + 0,09" (SGP) + 1/4" HEAT STREN'D GLASS LAMINATED GLASS

REINFORCEMENT
Alternative



GLR U**96**

TECHNICAL SPECIFICATIONS:

A | FRAME **WIDTH** | 6"
B | FRAME **HEIGHT** | 2 1/2"

GLR U**97**

TECHNICAL SPECIFICATIONS:

A | FRAME **WIDTH** | 7"
B | FRAME **HEIGHT** | 2 1/2"

FL **APPROVAL**

SOUND **PERFORMANCE**

WATER **ISOLATION**



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WATER **ISOLATION**

SOUND **PERFORMANCE**

Our aluminum facade system provides your modern buildings with a perfect appearance and long-lasting durability thanks to its aesthetic design

****Dual color options**
for interior and exterior surface

TECHNICAL SPECIFICATIONS:

A I MULLION **WIDTH** I 3 "

B I MULLION **DEPTH** I 5 "

OPTION

B I MULLION **DEPTH** I 7 "

TECHNICAL SPECIFICATIONS:

A I FRAME **WIDTH** I 5 "

B I FRAME **HEIGHT** I 2 "

GLASS TYPE

	PVB	SGP
	1/4" + 0,09" (PVB) + 1/4" HEAT STREN'D GLASS LAMINATED GLASS	1/4" + 0,09" (SGP) + 1/4" HEAT STREN'D GLASS LAMINATED GLASS
	1/4" + 1/2" AIR SPACE + 1/4" +0,09" (PVB) + 1/4" HEAT STREN'D GLASS INSULATED LAMINATED GLASS	1/4" + 1/2" AIR SPACE + 1/4" +0,09" (SGP) + 1/4" HEAT STREN'D GLASS INSULATED LAMINATED GLASS





Standard 1 3/8" glass thickness

TECHNICAL SPECIFICATIONS:

A I	3 TRACK FRAME SILL **WIDTH**	7 15/16 "
B I	3 TRACK FRAME SILL **HEIGHT**	1 15/16 "
A I	2 TRACK FRAME SILL **WIDTH**	5 1/16 "
B I	2 TRACK FRAME SILL **HEIGHT**	1 15/16 "

DRAINAGE DEPTH:

2 **TRACK**	7 1/16 "
3 **TRACK**	9 15/16 "

800 kg sash carrying capacity thanks to the double bearing in each sash.

Clean Lines, Clear Views,

GLASS TYPE

SGP



5/32" + 3/8" AIR SPACE + 5/32"
+0,09" (SGP) + 5/32"

HEAT STREN'D GLASS
INSULATED LAMINATED GLASS

MINIMAL LOOK
MAXIMUM VIEW

MAXIMUM
SECURITY

WATER
ISOLATION

SOUND
PERFORMANCE



GLR33 grande | INSULATED SLIDING SYSTEM

DESIGNED by
LINEA ROSSA®
WINDOWS I DOORS I FACADE

PERFECT **DESIGN**

FLY SCREEN **DESIGN**

SOUND **PERFORMANCE**

WATER **ISOLATION**

- **Superior Insulation Performance**
  Improved water resistance, enhanced air insulation, and high energy efficiency for optimal indoor comfort.
- **Advanced Sliding Mechanism**
  Enhanced drive and sliding speed system ensures smooth, fast, and effortless operation.
- **Creative Visual Design**
  Visually appealing and innovative design that combines aesthetics with functional elegance.
- **Reliable Mechanical System**
  Problem-free and long-lasting mechanical solutions for seamless daily use.



G-SLIDE

Architecture in motion.

Inward-Stacking Panel Configuration

APPLICATION FEATURES	
400 KG (882 LB) PANEL CAPACITY	✓
CENTER MEETING CONFIGURATION	✓

TECHNICAL SPECIFICATIONS	
SASH LENGTH	4 7/16 "
FRAME LENGTH	2 6/16 "
SASH WIDTH	2 14/16 "
THE MIDDLE SASH WIDTH	4 12/16 "
MAX. GLASS THICKNESS	15/16 " – 2 6/16 "
HEAT BARRIER	13/16 "
SASH CARRYING CAPACITY	551 - 881 lbs

GLR33 plus

interior view





exterior view

www.linearossadesign.com

SOUND **PERFORMANCE**

WATER **ISOLATION**

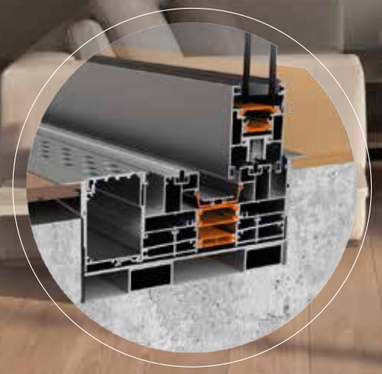
FLY SCREEN **DESIGN**

TECHNICAL SPECIFICATIONS	
SASH LENGTH	**4 14/16 "**
FRAME LENGTH	**1 5/16 "**
SASH WIDTH	**2 1/16 "**
THE MIDDLE SASH WIDTH	**1 4/16 "**
MAX. GLASS THICKNESS	**1 3/16" - 1 5/16"**
SASH CARRYING CAPACITY	**440 lbs**

APPLICATION FEATURES	
AIR WATER INSULATION AND ENERGY SAVING	✓
WIDER, HIGHER SLIDES	✓
HIGH CORROSION RESISTANCE	✓
PROBLEM-FREE MECHANICAL SOLUTIONS	✓
FLYSCREEN	✓
FIXED AND MOVABLE SASH	✓



SLOTTED RECESSED
THRESHOLD VERSION





SPECIAL CLAMP JOINT
DETAIL



PERFECT **DESIGN**

FLY SCREEN **DESIGN**

SOUND **PERFORMANCE**

WATER **ISOLATION**

TECHNICAL SPECIFICATIONS	
SASH WIDTH	3 7/16 "
SASH-FRAME LENGTH (MIN.)	4 7/16 "
FRAME WIDTH	3 "
GLASS THICKNESS	1 9/16" - 2 7/16 "
INSULATION BRIDGE	1 5/16 "
MAXIMUM SASH CARRYING	264 - 400 lbs

(UW) 0.90 W/m²K

Smart Solutions for **Thermal Comfort.**

- **Minimum heat loss with integrated insulation foam**
  Thermal insulation foam placed inside the aluminum profile significantly reduces heat transfer and improves energy efficiency.
- **Enhanced sealing performance with adjustable locking counterparts**
  Specially designed and adjustable locking pieces ensure precise alignment and improved air, water, and sound tightness.

WIDE FRAME ALTERNATIVE

HIGH
HEAT INSULATION

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MINIMAL APPEARANCE **MAXIMUM VIEW**

FLYSCREEN **DESIGN**

SOUND **PERFORMANCE**

WATER **INSULATION**

GLR**54** SLIM;

A thermally insulated, **inward-opening aluminium** window system with a **concealed sash**, designed to meet the **aesthetic expectations of modern architecture.**

TECHNICAL SPECIFICATIONS

3 3/8"	SASH **WIDTH**
2 3/16"	FRAME TO SASH **HEIGHT**
3 3/8"	FRAME **WIDTH**
1" – 1 1/8"	GLAZING **THICKNESS**
1 5/16"	THERMAL **BARRIER**
264 – 441 lbs	MAX. SASH WEIGHT **CAPACITY**

(UW) 1,10 W/m²K

SYSTEM FEATURES

- **Concealed Sash** Design ✓
- **Thermal** Insulation ✓
- **Inward-Opening Window** System ✓
- **Reliable Hardware** Solutions ✓

Minimal and Seamless Design
The concealed sash and slim profile geometry create a clean, minimalist and seamless façade appearance.

Enhanced Weathertightness
The adjustable locking hardware provides improved resistance to air and water infiltration while enhancing acoustic insulation.

Minimized sash profile visibility creates a clean, uniform and visually seamless façade appearance.

GLR63 grande | INSULATED BI-FOLD SYSTEM

DESIGNED by
LINEA ROSSA®
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SOUND **PERFORMANCE**

WATER **ISOLATION**

- **Wide Sash Capability with Top-Mounted Bearings**
  The system allows for the use of wide sashes thanks to precision-engineered upper bearings that provide stable and smooth movement.
- **Horizontal Guide Bearings Prevent Rotation**
  Special horizontal bearings are positioned to restrict unwanted rotation of the upper bearings, ensuring consistent alignment and safe operation during opening and closing.
- **Sash Load Transferred to the Head Rail via Bearings**
  The full weight of the sash is transmitted to the top case and carried by high-capacity bearings, minimizing stress on the threshold and ensuring long-term durability.

APPLICATION FEATURES	
UPPER CARRIER BEARINGS	✓
SLOTTED THRESHOLD ALTERNATIVE	✓
POSSIBILITY TO COLLECT THE SASH AT 45°	✓
POSSIBILITY TO COLLECT THE FRAME AT 90°	✓
HEAT AND SOUND INSULATION	✓

TECHNICAL SPECIFICATIONS	
FRAME WIDTH	1 1/8 "
FRAME LENGTH	2 3/8 "
SASH WIDTH	2 7/8 "
SASH LENGTH	2 3/8 "
MAXIMUM SASH CARRYING	176 lbs



Max. sash carrying capacity: **176 lbs**



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SOUND **PERFORMANCE**

WATER **ISOLATION**

Max. sash carrying capacity: **264 lbs**

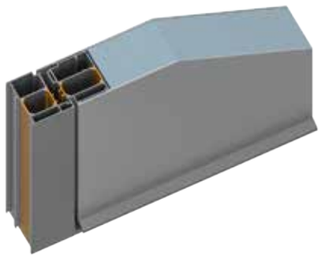
TECHNICAL SPECIFICATIONS	
FRAME WIDTH	1 1/8 "
FRAME LENGTH	3 3/8 "
SASH WIDTH	3 "
SASH LENGTH	3 "
MAXIMUM SASH CARRYING	264 lbs

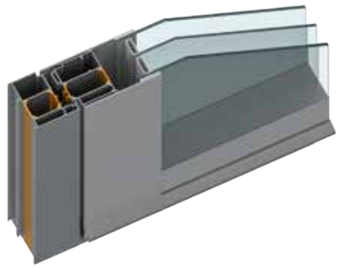
THE WEIGHT OF THE SASH IS CARRIED BY THE BEARING
CONNECTED TO THE LOWER FRAME

APPLICATION FEATURES	
LOWER CARRIER BEARINGS	✓
SLOTTED THRESHOLD ALTERNATIVE	✓
POSSIBILITY TO COLLECT THE SASH AT 45°	✓
POSSIBILITY TO COLLECT THE FRAME AT 90°	✓
HEAT AND SOUND INSULATION	✓











FINGERPRINT
SCANNER

MODENA HANDLE



PIATTA HANDLE



FLUSH HANDLE



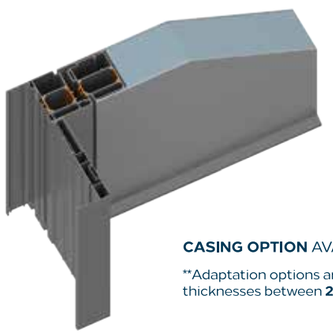
TECHNICAL SPECIFICATIONS	
FRAME SILL WIDTH	3 7/16 "
FRAME SILL HEIGHT	2 15/16 "

APPLICATION FEATURES	
MODERN DESIGN	✓
HIGH SECURITY	✓
EASE OF USE AND FUNCTIONALITY	✓
HEAT AND SOUND INSULATION	✓
WIDE PRODUCT RANGE PORTFOLIO	✓
ALUMINIUM OR GLASS PANEL OPTION	✓

MAXIMUM
SECURITY

WATER
ISOLATION

SOUND
PERFORMANCE



CASING OPTION AVAILABLE

Adaptation options are available for wall thicknesses between **250 mm and 500 mm.

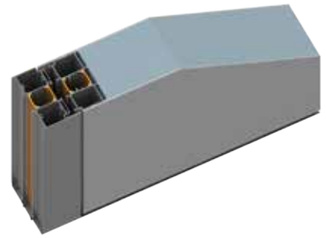


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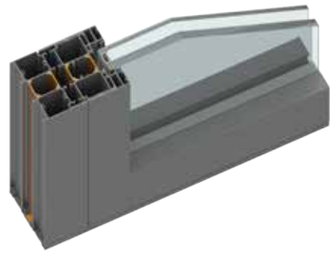
Where Elegance, Security
Modern Design Meet

CASING OPTION AVAILABLE

Adaptation options are available for wall thicknesses between **250 mm and 500 mm.









FLUSH HANDLE

FINGERPRINT
SCANNER

MAXIMUM
SECURITY

WATER
ISOLATION

SOUND
PERFORMANCE

TECHNICAL SPECIFICATIONS	
FRAME SILL WIDTH	**4 10/16 "**
FRAME SILL HEIGHT	**1 12/16 "**

APPLICATION FEATURES	
MODERN DESIGN	✓
HIGH SECURITY	✓
EASE OF USE AND FUNCTIONALITY	✓
HEAT AND SOUND INSULATION	✓
WIDE PRODUCT RANGE PORTFOLIO	✓
ALUMINIUM OR GLASS PANEL OPTION	✓

The Art of Ultimate Luxury

The Foundation of MODERN *living*

Versatile aluminum
solutions for modern architecture.



LR series







series

LR **3500**
SLIDING SYSTEM 57

LR **3200**
SLIDING SYSTEM 59

LR **3100**
SLIDING SYSTEM 61

LR **5100**
OPENING SYSTEM 63

LR **6000**
BI-FOLD SHUTTER SYSTEM 65

LR **9200 - 9300**
FACADE SYSTEM 67

LR **9500**
FACADE SYSTEM 69

71 LR **1400**
RAILING SYSTEM

73 LR **4900**
RAILING SYSTEM

75 LR **1800**
LIGHTING SYSTEM

77 LR **1600**
WALL CEILING COVERING

LR **1000**
79 **OFFICE PARTITION** SYSTEM

Explore the series For further technical information and project consultation,

please get in touch with our specialists.

Aluminium in Three
Distinct Forms:

Architectural innovation, premium craftsmanship, and everyday performance.

SOUND **PERFORMANCE**

WATER **ISOLATION**

MINIMAL LOOK **MAXIMUM VIEW**

MAXIMUM **SECURITY**

For color options, see the Color Collection section at the end of this catalog.



LR3500 | INSULATED SLIDING SYSTEM

DESIGNED by
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PERFECT **DESIGN**

FLY SCREEN **DESIGN**

SOUND **PERFORMANCE**

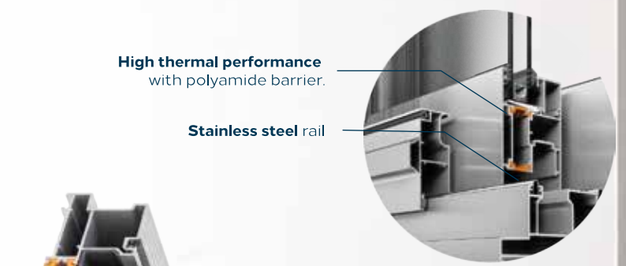
WATER **ISOLATION**

- **Sash Carrying Capacity:**
  400 lbs standard / 660-880 lbs with HBSB mechanism
- **Integrated Fly Screen:**
  Fly screen design is seamlessly integrated into the system on all frame types

  Sash Connection Options:
  45° and 90° corner joint alternatives available for sash assembly
- **High Durability and Smooth Operation:**
  Stainless steel rail system combined with specially designed bearings ensures long-lasting performance and enhanced user comfort

TECHNICAL SPECIFICATIONS	
SASH WIDTH	2 4/16 "
SASH LENGTH	3 10/16 "
FRAME LENGTH	1 12/16 "
GLASS THICKNESS	13/16" - 1 12/16"
MAX. SASH CARRYING CAPACITY	440 lbs / 660-880 lbs
INSULATION BRIDGE	15/16"

APPLICATION FEATURES	
HBSB MECHANISM	✓
FLYSCREEN	✓
45° AND 90° SASH JOINT	✓
40 & 50 MM THICKNESS OPTIONS IN MEDIUM SEAM	✓
INNER AND EXTERIOR FLOORING FACING SAFE	✓
EASE OF USE AND FUNCTIONALITY	✓
MONO RAIL FRAME	✓
3 TRACK FRAME	✓



High thermal performance with polyamide barrier.

Stainless steel rail





Slim Mullion Detail

With its slim mullion design, the system enhances aesthetics while bringing more natural light and wider views into your living spaces.

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LR3200 | INSULATED SLIDING SYSTEM

DESIGNED by
LINEA ROSSA®
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PERFECT **DESIGN**

FLY SCREEN **DESIGN**

SOUND **PERFORMANCE**

WATER **ISOLATION**

- **Heavy-Duty Bearing System**
  High-performance bearings ensure smooth and durable sash movement, even under heavy loads.
- **Multi-Point Locking Options**
  Compatible with single or multiple locking mechanisms integrated within the sliding sash.
- **Integrated Fly Screen System**
  The frame is designed with a built-in fly screen netting solution for added comfort and protection.



POLYAMIDE PROFILED HALLOW CENTER DETAIL



TECHNICAL SPECIFICATIONS	
SASH WIDTH	1 8/16 "
SASH LENGTH	3 10/16 "
PROFILE THICKNESS	1/16 "
GLASS THICKNESS	13/16 " - 1 "
MAX. CARRYING CAPACITY	260 lbs

APPLICATION FEATURES	
WATER, AIR INSULATION	✓
ENERGY SAVINGS	✓
SPECIAL STEEL RAIL	✓
FLY SCREEN	✓
MULTI LOCK APPLICATION	✓
EASE OF USE AND FUNCTIONALITY	✓
MONO RAIL FRAME	✓
3 TRACK FRAME	✓
45° AND 90° SASH JOINT	✓

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- **Minimal Architectural Solution:** Provides a clean, modern appearance with a 50% reduced center mullion for enhanced transparency.
- **High-Security Locking:** Equipped with a specially designed high-strength multi-point locking system for improved safety.
- **Thermal Efficiency:** Features a polyamide-profiled hollow center detail to support thermal insulation.
- **Ease of Use:** Designed for simplified production and installation, reducing labor time and complexity.

TECHNICAL SPECIFICATIONS	
SASH WIDTH	1 4/16 "
SASH LENGTH	2 15/16 "
FRAME LENGTH	1 12/16 "
GLASS THICKNESS	1 3/16 " - 1 4/16 "
MAX. SASH CARRYING CAPACITY	260 lbs
INSULATION BRIDGE	13/16 "
THE MIDDLE SASH WIDTH	1 5/16" - 3 1/16"

APPLICATION FEATURES	
WATER, AIR INSULATION	✓
ENERGY SAVINGS	✓
SPECIAL STEEL RAIL	✓
FLY SCREEN	✓
MULTI LOCK APPLICATION	✓
EASE OF USE AND FUNCTIONALITY	✓
MINIMAL MIDDLE SASH	✓
45° AND 90° SASH JOINT	✓
3 TRACK FRAME	✓
MONO RAIL FRAME	✓

Clean Lines, Strong Performance
Opens Up Spaces with Confidence.

PERFECT **DESIGN**

FLY SCREEN **DESIGN**

SOUND **PERFORMANCE**

WATER **ISOLATION**

34 mm middle sash profile at **90°** sash joints allows more light to enter your home.

Special fly screen rail frame and useful fly screen sash in **90°** and **45°** sash combinations



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LR5100 | INSULATED OPENING SYSTEM

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With versatile profile options
optimum *solution*

INNOVATIVE **DESIGN**
INSECT SCREEN **DESIGN**
SOUND **PERFORMANCE**
WATER **INSULATION**

TECHNICAL SPECIFICATIONS

2 15/16"	**SASH** WIDTH
3 9/16"	MIN. **SASH HEIGHT**
2 9/16"	**FRAME** WIDTH
13/16" – 1 7/8"	**GLASS** THICKNESS
397 lbs	MAX. **SASH LOAD** CAPACITY
1 3/16"	**THERMAL** BREAK

SYSTEM FEATURES

- **Ease of Use** and Functionality ✓
- Adjustable **Lock Strike Plate** ✓
- Integrated Blinds **Between Triple Glazing** ✓
- **Low Threshold** Option ✓
- Easy Integration with **LR5100D** ✓

LR5100 and LR5100D systems feature a compatible and integrated system design.

Enhanced **thermal insulation through** various profile combination options.

Compatible with **both inward- and outward-opening applications,** providing functional flexibility.

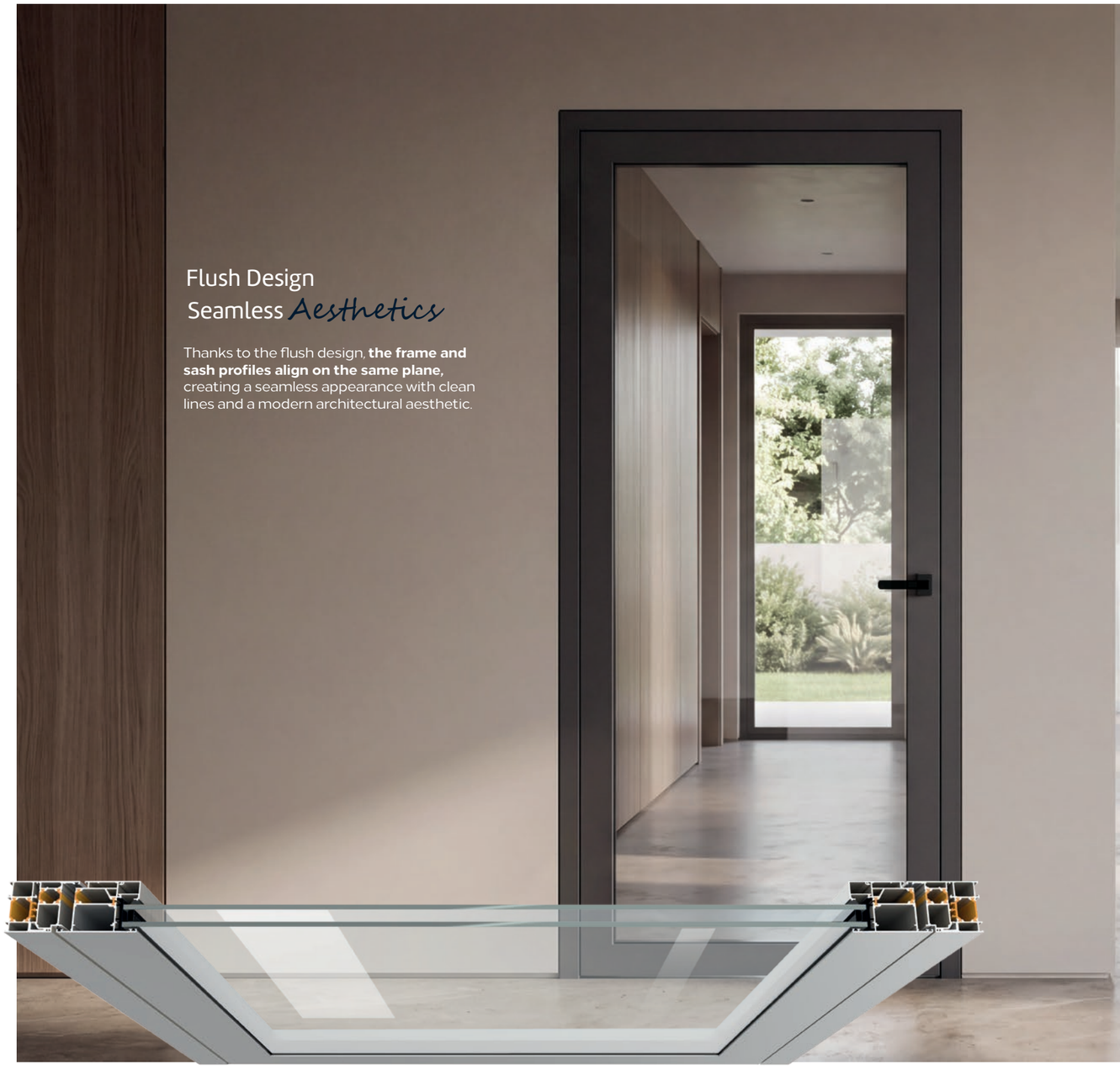
Durable sealing gaskets and hinge mechanisms ensure long-lasting performance.

LR5100D | FLUSH INSULATED OPENING SYSTEM

DESIGNED by
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Flush Design Seamless *Aesthetics*

Thanks to the flush design, **the frame and sash profiles align on the same plane,** creating a seamless appearance with clean lines and a modern architectural aesthetic.





INNOVATIVE **DESIGN** | INSECT SCREEN **DESIGN** | SOUND **PERFORMANCE** | WATER **INSULATION**

TECHNICAL SPECIFICATIONS

2 9/16"	**SASH** WIDTH
3 9/16"	MIN. **SASH HEIGHT**
2 9/16"	**FRAME** WIDTH
13/16" – 1 7/8"	**GLASS** THICKNESS
397 lbs	MAX. **SASH LOAD** CAPACITY
11/16"	**THERMAL** BREAK

SYSTEM FEATURES

- **Flush Sash** ✓
- **Seamless** Design ✓
- **Ease of Use** and Functionality ✓
- **Low Threshold** Option ✓
- **Tilt-and-Turn** Hardware Can Be Installed for Sash Weights **Up to 397 lbs** ✓

LR5100 and LR5100D systems feature a compatible and integrated system design.

Enhanced **thermal insulation through** various profile combination options.

Compatible with **both inward- and outward-opening applications,** providing functional flexibility.

Durable sealing gaskets and hinge mechanisms ensure long-lasting performance.

LR5200 | INSULATED OPENING SYSTEM

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LINEA ROSSA®
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INNOVATIVE **DESIGN**
INSECT SCREEN **DESIGN**
SOUND **PERFORMANCE**
WATER **INSULATION**

TECHNICAL SPECIFICATIONS

3 3/16"	**SASH** WIDTH
3 9/16"	MIN. **SASH HEIGHT**
2 13/16"	**FRAME** WIDTH
13/16" – 2 1/16"	**GLASS** THICKNESS
397 lbs	MAX. **SASH LOAD** CAPACITY
1 7/16"	**THERMAL** BREAK

SYSTEM FEATURES

- **Ease of Use** and Functionality ✓
- **Adjustable Lock** Strike Plate ✓
- **Low Threshold** Option ✓
- Easy Integration with **LR5200D** ✓
- **Tilt-and-Turn** Hardware Can Be Installed for Sash Weights **Up to 397 lbs** ✓

LR5200 and LR5200D systems feature a compatible and integrated system design.

Enhanced **thermal insulation through** various profile combination options.

Compatible with **both inward- and outward-opening applications,** providing functional flexibility.

Durable sealing gaskets and hinge mechanisms ensure long-lasting performance.

LR5200D | FLUSH INSULATED OPENING SYSTEM

DESIGNED by
LINEA ROSSA®
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INNOVATIVE **DESIGN**
INSECT SCREEN **DESIGN**
SOUND **PERFORMANCE**
WATER **INSULATION**

Flush Design
Seamless *Aesthetics*

Thanks to the flush design, **the frame and sash profiles align on the same plane,** creating a seamless appearance with clean lines and a modern architectural aesthetic.

TECHNICAL SPECIFICATIONS

2 13/16"	**SASH** WIDTH
2 13/16"	**FRAME** WIDTH
13/16" – 2 1/16"	**GLASS** THICKNESS
397 lbs	MAX. **SASH LOAD** CAPACITY
15/16"	**THERMAL** BREAK

SYSTEM FEATURES

- **Ease of Use** and Functionality ✓
- **3-Way** Adjustable **Hinges** ✓
- **Stainless Steel** Handle with **Safety Feature** ✓
- **12 mm Low Threshold** ✓
- **Flush Sash** ✓
- **Rodless** System ✓

LR5200 and LR5200D systems feature a compatible and integrated system design.

Enhanced **thermal insulation through** various profile combination options.

Compatible with **both inward- and outward-opening applications,** providing functional flexibility.

Durable sealing gaskets and hinge mechanisms ensure long-lasting performance.

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LINEA ROSSA®
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TK **COUNTRY**

Special effect series
(wood look)

"**Flexible opening,**
elegant design."

PERFECT **DESIGN**

FLY SCREEN **DESIGN**

SOUND **PERFORMANCE**

WATER **ISOLATION**

TECHNICAL SPECIFICATIONS	
FRAME WIDTH	**2 4/16 "**
SIDE FRAME LENGTH	**1 14/16 "**
BOTTOM FRAME LENGTH	**1 14/16 "**
SASH WIDTH	**1 15/16 "**
SASH LENGTH	**2 13/16 "**

APPLICATION FEATURES	
EASE OF USE AND FUNCTIONALITY	✓
SLOTTED THRESHOLD	✓
FOLDABLE OR OPEN-CLOSE	✓
FOLDS IN BOTH DIRECTIONS	✓
VENTILATION FACILITY	✓

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LR9200 | FACADE SYSTEM LR9300 | FACADE SYSTEM

DESIGNED by
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LR9200

APPLICATION FEATURES	
MODERN LOOK	✓
BUILDING-SPECIFIC SOLUTIONS	✓
AIR AND WATER IMPERACTION	✓
SOUND INSULATION	✓
MORE NATURAL LIGHT	✓

- **Window Integration Capability**
  Enables the inclusion of operable window modules within the façade system, supporting ventilation and user comfort without compromising design integrity.
- **Stick Closure Clip Application**
  Provides efficient assembly through specialized stick closure clips, facilitating faster installation and structural alignment.
- **Uniform Profile Width**
  Vertical and horizontal profiles are designed with a consistent **1 15/16"** profile width, ensuring aesthetic continuity and structural harmony.

LR9300

APPLICATION FEATURES	
MODERN LOOK	✓
BUILDING-SPECIFIC SOLUTIONS	✓
AIR AND WATER IMPERACTION	✓
SOUND INSULATION	✓
MORE NATURAL LIGHT	✓

- **Support for 37 3/16" Glass Applications**
  Allows for wide glass panel applications up to **37 3/16"**, enabling expansive and uninterrupted glass surfaces.
- **Uniform Profile Width**
  Vertical and horizontal profiles are designed with a consistent **2 6/16"** profile width, ensuring aesthetic continuity and structural harmony.

MINIMAL LOOK **MAXIMUM VIEW**

MAXIMUM **SECURITY**

WATER **ISOLATION**

SOUND **PERFORMANCE**

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LR9500 | FACADE SYSTEM

DESIGNED by
LINEA ROSSA®
WINDOWS I DOORS I FACADE

Our revolutionary anodized curtain wall system, can be adapted to fit any architectural design around the World. This unique system has been used to dress the prestigiuos **Mistral Towers** located in the center of İzmir, Turkey. The thermal and water insulation, coupled with the strength and durability makes this system unbeatable in visual and structural design. What makes this system and the luxury **Mistral Towers** so exclusive, is due to the process of cold bendind which was used to construct the project, making this the first of kind in Turkey and an architectural phenomenon.

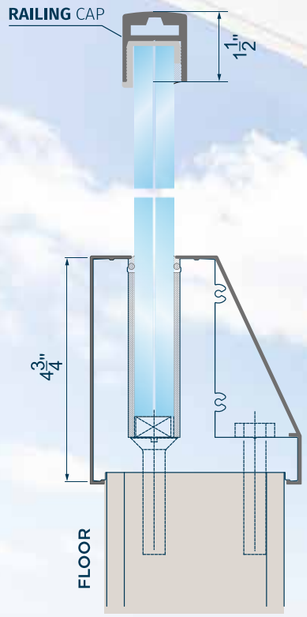
MISTRAL TOWER İZMİR

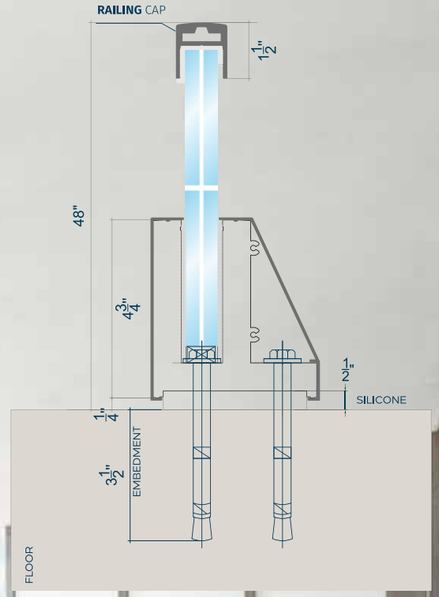
APPLICATION FEATURES	
MODERN LOOK	✓
BUILDING-SPECIFIC SOLUTIONS	✓
AIR AND WATER IMPERACTION	✓
SOUND INSULATION	✓
MORE NATURAL LIGHT	✓
STATIC AND FUNCTIONAL DURABILITY	✓

What makes this system and the luxurious **Mistral Towers** so special is the **Cold Bending** process used in the construction of the Project, which is the first of its kind in Turkey and an architectural phenomenon.



www.linearossadesign.com





MINIMAL LOOK
MAXIMUM VIEW

MAXIMUM
SECURITY

- **Two-Part Adjustable Anchors**
  The system is equipped with two-piece anchor components that ensure strong and secure attachment to the concrete substrate. These anchors are adjustable to suit the geometry of the building, offering ease of alignment and enhanced adaptability on-site.

- **Vertically Embedded Holder Profiles**
  One of the most distinctive aspects of the system is the use of vertically embedded aluminum holder profiles within the flooring. The design includes four modular profiles—two concave and two convex—each in a two-part structure, allowing for durable integration and efficient assembly.

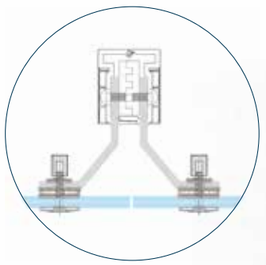
Durable and Low Maintenance:
Resistant to rust and weather conditions, aluminum railings last for years with minimal upkeep





"Clear Views, Bold Support"

- **Modern Aesthetics & Superior Strength**
  A vertical glass support system designed for modern architectural projects, offering both visual elegance and top-level durability.
- **Unobstructed Views with Continuous Base Profiles**
  Continuous base profiles without vertical mullions ensure wide, open views and create a feeling of luxurious freedom.
- **Quick and Easy Installation**
  Designed for efficient assembly, the system allows for fast and straightforward installation on site.
- **Seamless Long-Length Applications**
  Allows for extended constructions without glass alignment problems, maintaining a clean and continuous appearance.



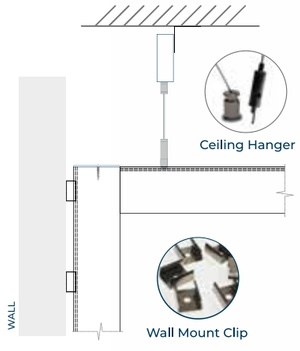
REINFORCEMENT
Alternative

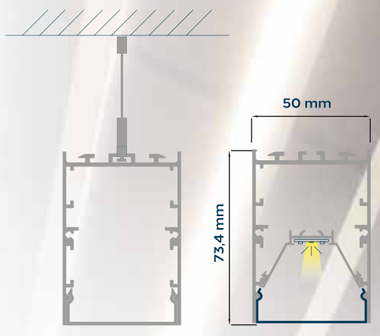
Durable and Low Maintenance:
Resistant to rust and weather conditions, aluminum railings last for years with minimal upkeep

MINIMAL LOOK
MAXIMUM VIEW

MAXIMUM
SECURITY





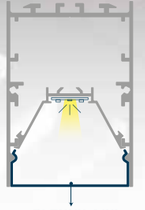


DECORATIVE LIGHTING OPTION

APPLICATION FEATURES	
LIGHTING POSSIBILITY	✓
BUILDING-SPECIFIC SOLUTIONS	✓
WIDE RANGE OF DESIGNS	✓
DECORATIVE USE	✓

Flexible Design and Application Variety
Offers versatility through alternative installation methods and a wide range of design combinations, supporting different architectural concepts.

Illumination and Decorative Functionality
Provides both functional lighting and decorative enhancement, contributing to the aesthetic character of interior and exterior spaces.



PLEXIGLASS COVER

LED OPTIONS

2000k 3000k 4000k

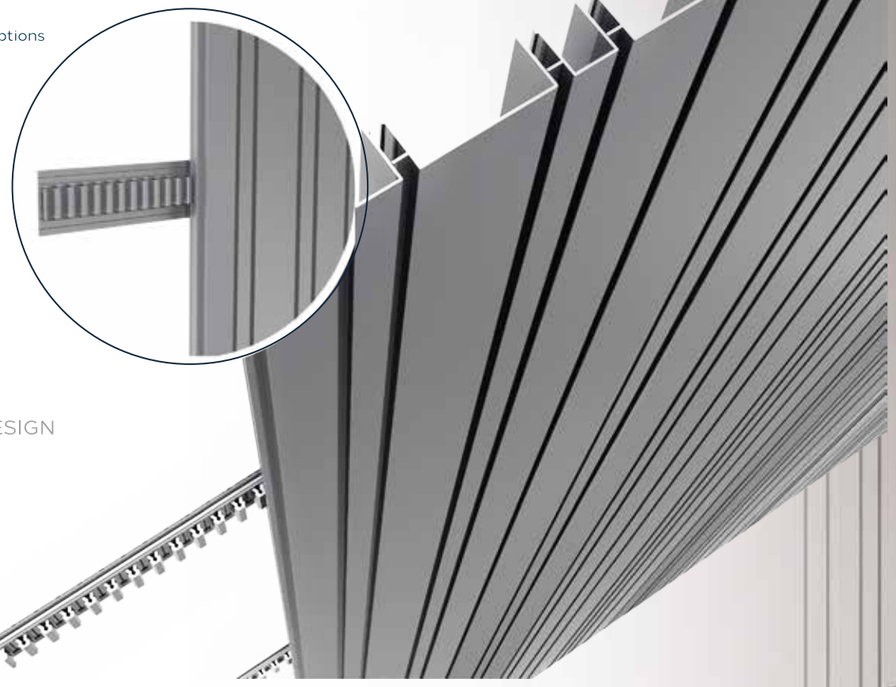
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Unlimited color choices,
combined with **LED lighting** options

LED Length

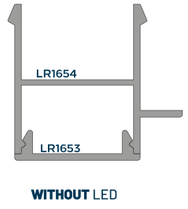
19 11/16 "
39 6/16 "
59 1/16 "

For special measurements,
please contact us.

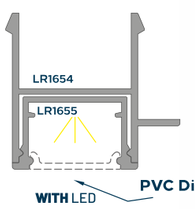


SIMPLE SOLUTIONS
EXTERIOR & INTERIOR DESIGN

DECORATIVE LIGHTING
OPTION



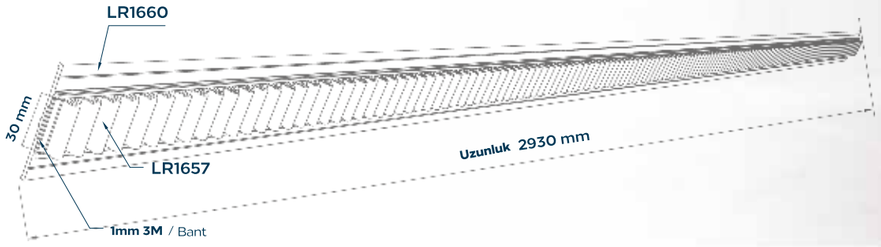
WITHOUT LED



WITH LED

PVC Diffuser

APPLICATION FEATURES	
LIGHTING POSSIBILITY	✓
BUILDING-SPECIFIC SOLUTIONS	✓
MODERN AESTHETIC DESIGN THAT LEADS ARCHITECTURAL TRENDS	✓



LR1657

Height	1 3/16 "
Width	6 1/16 "
Qty	19

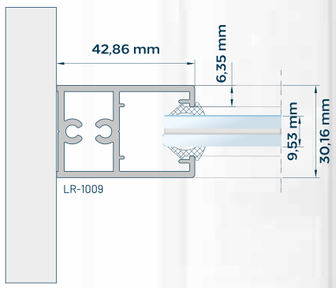




Minimum 2 glass panels can be made



If we increase the number of glass panels,
it provides application in large areas.





Ultra-thin Aluminum Glass Door Frame
It features an ultra-thin aluminum glass door frame that creates a minimalist visual in office partitions.

Sidelites Complement the Thin Frame
Low-profile channels on adjacent sidelites complement the thin frame.

Customizable frameless systems

DESIGNED FOR
OPEN *sky*



LINEA ROSSA®

garden







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LR **8700**
ROLLING ROOF SYSTEM 85

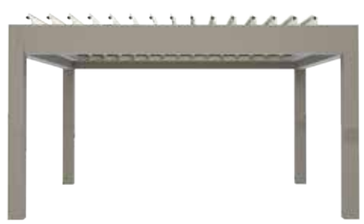
LR **8800**
BIOCLIMATIC PERGOLA 87

LR **8600**
GUILLOTINE GLASS SYSTEM 89

LR **8200**
SKYROOF SYSTEM 91







Explore the series. For further technical information and project consultation,

please get in touch with our specialists.

Aluminium in Three
Distinct Forms:

Architectural innovation, premium craftsmanship, and everyday performance.

SOUND **PERFORMANCE**

WATER **ISOLATION**

MINIMAL LOOK **MAXIMUM VIEW**

MAXIMUM **SECURITY**

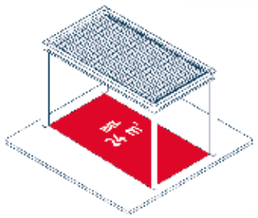
For color options, see the Color Collection section at the end of this catalog.



LR8700 | ROLLING ROOF SYSTEM

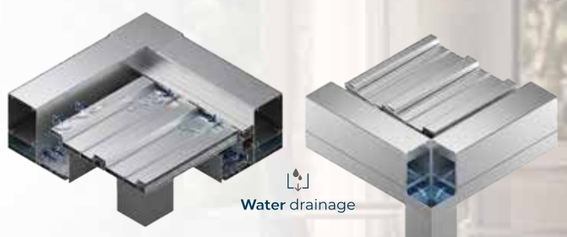
DESIGNED by
LINEA ROSSA®
garden

Beam & Groove	11 2/16 "- 8 11/16 "
Panel	9 15/16 "- 1 12/16 "
Pole	5 4/16 "- 5 4/16 "
Max. Dimension (area)	**258** sqft
Installation - 4 Poles:	**Self Standing**
Installation - 1,2 or 3 Poles:	**Wall Mounting**



Closing Time: 7.5 sec/m.

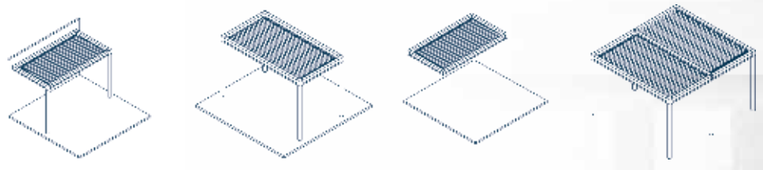
Remote-Controlled Operating System



Water drainage



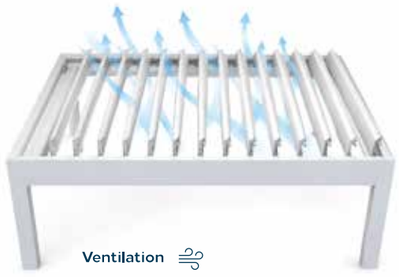
Ventilation



LR8800 | BIOCLIMATIC PERGOLA SYSTEM

DESIGNED by LINEA ROSSA garden

Beam Profile (Projection)	**5 1/4"x 7 7/8"**
Beam Profile (Front)	**6 11/16"x 7 7/8"**
Gutter Profile	**4 5/8"x 3"**
Louver Profile	**10 13/16"x 2 7/16"**
Post Profile	**5 1/4"x 6 11/16"**
Max. Dimension (area)	**301** sqft
Installation - 4 Poles:	**Self Standing**
Installation - 1,2 or 3 Poles:	**Wall Mounting**



Ventilation



Remote-Controlled Operating System

The roof system is operated via remote control, allowing smooth opening and closing movements.

It is integrated with an automation system to prevent improper operation.

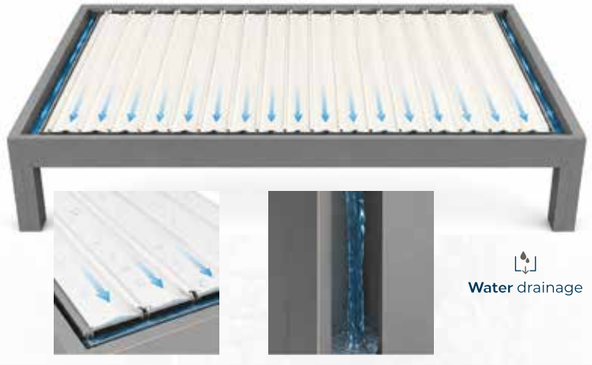
Integrated Water Drainage System

Rainwater is efficiently collected and safely discharged through concealed drainage channels within the structure.

MAX. WIDTH
15'- 7"

MAX. COVERAGE AREA
15'- 7" x **19'- 8"**

MAX. PROJECTION **19'- 8"**



Water drainage

- **Large-Span Capability:** Engineered to cover outdoor spaces up to **15'-7" (4.75 m)** in width and **19'-8" (6.00 m)** in projection.
- **Adjustable Bioclimatic Louvers:** Louvers can be positioned at any angle via remote control, providing optimal sunlight management and natural ventilation simultaneously.
- **Dual-Motion Louver Technology:** Independent motors control louver rotation and retraction functions, ensuring smooth and reliable operation.
- **Belt-Driven Transmission System:** The roof system operates via remote control and is integrated with an automation system for safe and convenient operation.



Complete shade and protection

Adjustable light and ventilation

Open-air living and maximum comfort

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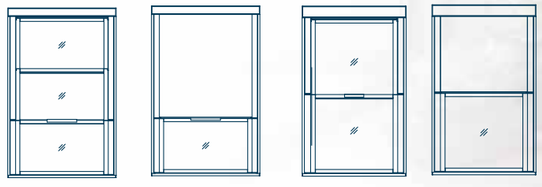
LR8600 | GUILLOTINE GLASS SYSTEM

DESIGNED by
LINEA ROSSA®
garden

TECHNICAL SPECIFICATIONS	
SIDE FRAME PROFILE	3 5/16"/ 5 1/4 "
BOTTOM FRAME PROFILE	1 " / 5 1/4 "
MOTOR BOX PROFILE	5 9/16 " / 5 1/4 "
ADAPTER SASH PROFILE	2 7/16 " / 4 1/16 "
SASH PROFILE	1 3/16 " / 1 3/8 "
INTERLOCK SASH PROFILE	1 11/16 " / 1 3/8 "

APPLICATION FEATURES	
EASY CLEANING SYSTEM	✓
MAXIMUM INSULATION	✓
HIDDEN DESIGN	✓
EASY SERVICE & INSTALLATION	✓
SAFE USE DETAIL	✓
RICH SYSTEM VARIATIONS	✓

- **Motorized Guillotine Technology:**
  Provides remote-controlled vertical movement with a chain-driven silent system.
- **Panoramic Usage Advantage:**
  Offers maximum openness for cafés, restaurants, terraces, and balconies, creating spacious living areas.
- **Fixed Railing Function:**
  Can be safely used as a glass railing system when fully opened.
- **Insulated Compatible Structure:**
  Applicable with 4–16–4 and 6–12–6 tempered insulated glass combinations.
- **Panel Options:**
  Offers 2-panel or 3-panel production alternatives according to the application area.



Experience Open-Space Comfort
All Year Round

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LR8200 | SKYROOF SYSTEM

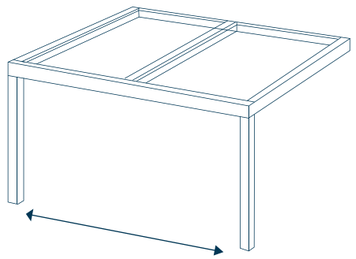
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garden

- **Expands Living Spaces:**
  The Skyroof Winter Garden System seamlessly extends indoor living areas, bringing the beauty and comfort of the outdoors into the home.
- **• Versatile Application Solution:**
  An ideal system for carports, terraces, patios, and various shading applications, offering both functionality and aesthetic appeal.
- **Polycarbonate and Glass Compatibility:**
  The Skyroof system is designed to accommodate both polycarbonate and glass roofing options, providing flexibility for different project requirements.
- **Wide-Span Structural Capability:**
  Allows clear spans of up to **5 meters (16'-5")** between support columns, maximizing usable space and minimizing visual obstruction.
- **Self-Supporting Structure:**
  Depending on structural calculations, the system can achieve heights of up to **3500 mm (11'-6")** without requiring additional steel reinforcement.

APPLICATION FEATURES	
EPDM GLAZING TECHNOLOGY	✓
COMPATIBLE WITH SLIDING & FOLDING SYSTEMS	✓
CORROSION-RESISTANT CONNECTIONS	✓
SUPERIOR WATER TIGHTNESS	✓
HIGH WEATHER RESISTANCE	✓
LOW MAINTENANCE REQUIREMENT	✓



Natural Light



16'- 5 "
MAX. CLEAR SPAN



4-Leg Configuration

The Skyroof 8200 system can be integrated with other Linea Rossa systems.

Contact us for detailed application, configuration, and compatibility information.



2-Leg Configuration



Where the Sky Becomes
Part of Your Home.







Max. Panel **Thickness:**	**13/16 "**
Max. Panel **Width:**	**29 1/2 "**
Max. Jointless System **Width:**	**196 7/8 "**
Max. System **Projection:**	**137 13/16 "**
Max. Distance **Between Posts:**	**196 7/8 "**
Max. Rear **Height:**	**118 1/8 "**
Max. Front **Height:**	**98 7/16 "**

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DESIGNED by
LINEA ROSSA®
WINDOWS | DOORS | FACADE

COLOR **CHART**

Powder Coating

BELLAGIO | CERNOBBIO | CREMIA | GARDA | VARENNA | TENNO
GARGNANO | MENAGGIO | NAGO | RIVA | TREMOSINE | TREMEZZO

MENZINO | PILZONE | COVELO | SARNICO | SENSOLE | VELLO
CARZANO | ISEO | MARONE | TOLINE | PRESSO | PARADISO

In our powder coating series, we have used different technologies to create two levels of outdoor durability: Qualicoat 1 and Qualicoat 2, with a variety of colors in different effects. These colors meet all internationally recognized architectural coating standards such as AAMA, Qualicoat, and GSB, providing excellent indoor and outdoor durability at various resistance levels to meet specific needs.

ALUMINIUM
in every SHADE of style.

Standard Color

ATLAS | GRIANTE | ARGENT | HAZEL | NOTTE

Nano Anodizing

RLX | B 72 | B76 | B 70 W | B 69 | NATURAL

Nano anodized colors are designed for anodizing architectural metal components such as window and door frames, facade systems, sunshades, railings, and all types of aluminum sheets. Additionally, they can be used for anodizing any kind of industrial aluminum surfaces. This anodizing process has been developed by an Italian company, which has conducted and certified all necessary surface durability tests. Notably, its high UV resistance allows it to be used outdoors under all climatic conditions.

Special Effect

7089 ALTIN MEŞE | TK 5033 KİRAZ | TK COUNTRY | WENGE | STONE | CONCRETE
ANTİK MEŞE | OXIDE | AGLIATA | CORTEN | PIEDRA | GİNOCCHİ

Wood-look decorative and modern solutions, used in door and window systems, home and office furniture, and the white goods industry, are among the most sought-after materials in the world of decoration. They can be safely used for many years on all types of metal, glass, and heat-resistant plastic surfaces, offering a wide range of durable, natural, and long-lasting color and pattern options.

There may be differences in tone between the colors shown in the catalog and the actual colors.
Please make sure you see the **original color sample.**



Powder, Anodized, Effect
Infinite Possibilities.

THE VIEW CHANGES.

THE STANDARD DOESN'T

Across every state. Through every season.
Our commitment to quality.
Performance and design never changes.

ALL® STATES
architectural systems

WINDOWS | DOORS | FACADE

LINEA ROSSA®

WINDOWS | DOORS | FACADE

LR series

HURRICANE IMPACT FORTE series

grande series

Aluminum
Architectural
Systems

LINEA ROSSA DESIGN, LLC

1850 NW 84TH Ave. Suite 114
Doral, FL33126

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