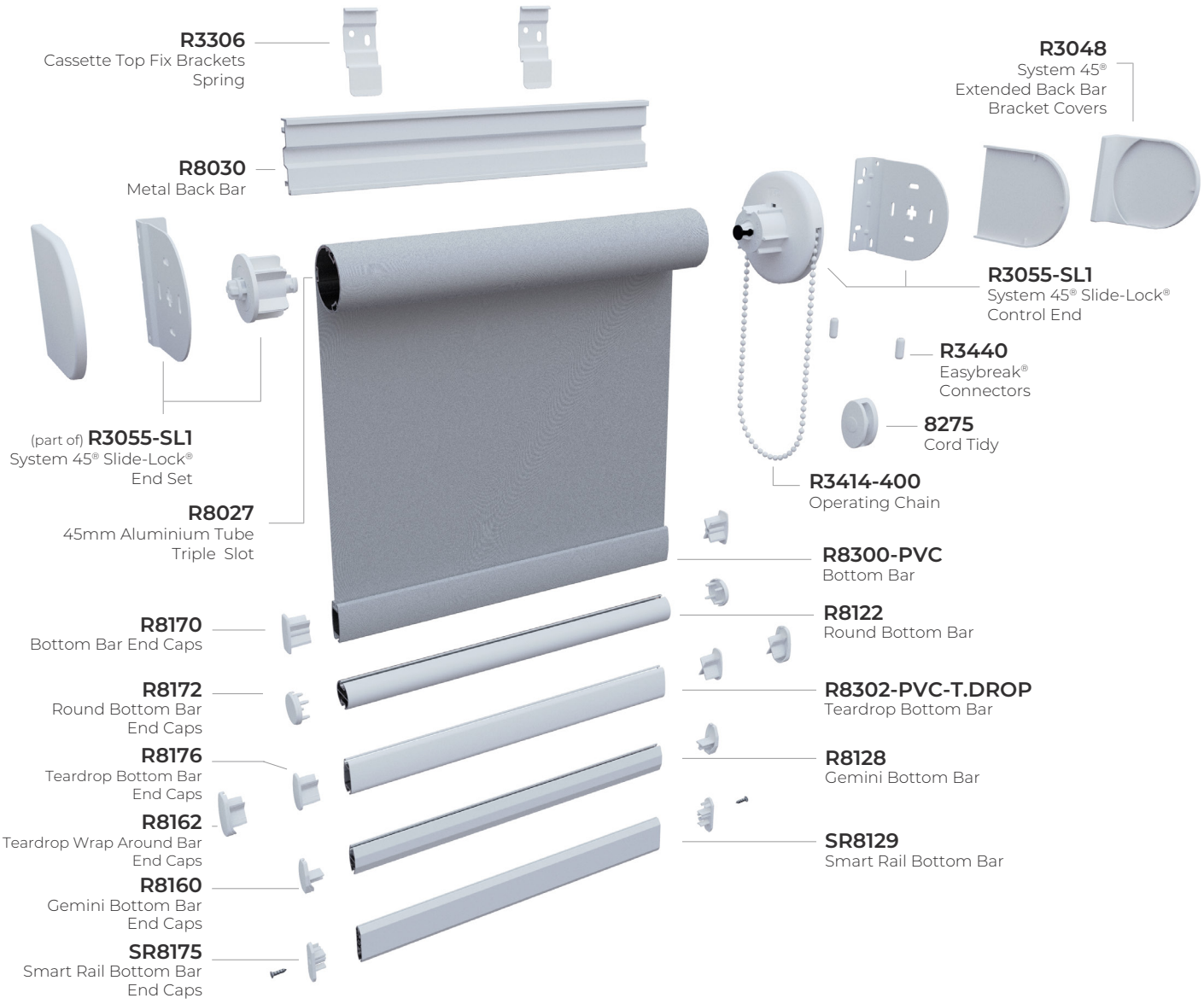
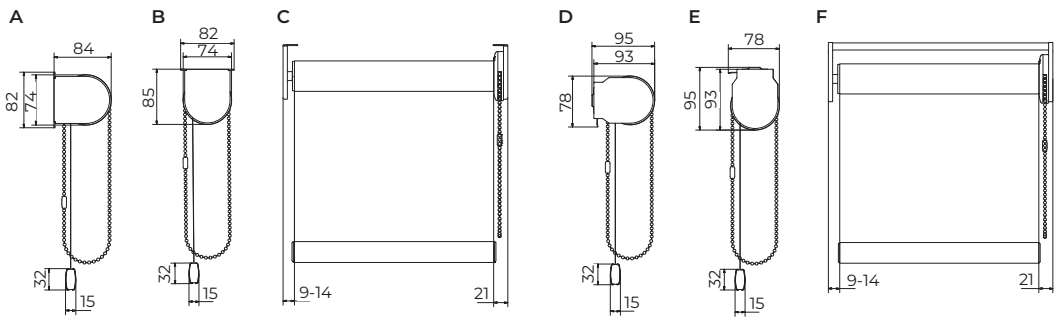
SYSTEM 45® ROLLER SYSTEM
WITH THE BACK BAR



SYSTEM 45® BACK BAR ROLLER

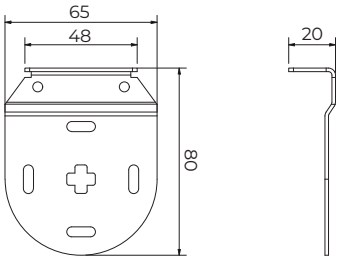
- Designed and manufactured in the UK, all Louvolite systems are 10 year life cycle tested to ensure long lasting performance.
- System 45® Slide-Lock® combines heavier holding weights with anti-fray features that ensure enhanced blind performance.
- Manufactured using high quality engineering grade polymer.
- Improved chain location for quick and easy on-site adjustment.
- Universal brackets and a spring idle end plunger enable easy and quick installation.
- Back Bar allows for ease of fixing brackets when they can't fix in the recess corners.
- For blinds up to 3m wide with a 12lb maximum holding weight. Achieve widths of up to 3.5m using the heavy duty tube R8029.
- Easi Lift™ option available for easier operation of larger blinds.
- Locking plug inside clutch ensures continued performance of larger blinds.
- Motorise with Louvolite One Touch® lithium rechargeable series: R2120 DC, R2125 DCM, R2130 DC, R2135 DCM and hard wired R2150 AC or R2155 ACM.

SYSTEM 45® BACK BAR COMPONENTS DIMENSIONS

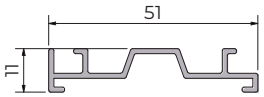


A. 45® standard metal bracket face fix & cover
B. 45® standard metal bracket top fix & cover
C. 45® standard metal bracket top fix front view
D. 45® standard metal bracket face fix with back bar & cover
E. 45® standard metal bracket top fix with back bar & cover
F. 45® standard metal bracket top fix with back bar front view & cover

R3055-SL1 System 45® Universal Bracket — white



R8030 Back Bar — white



BACK BAR SYSTEM MOTORISED

SYSTEM	MOTOR	OPERATION
System 40®/45®	2000 DC SERIES - R2120 DC	RF Remote Control/Smart Control/BT
	2000 DCM SERIES - R2125 DCM	RF Remote Control/Smart Control/MATTER
	3000 DC SERIES - R2130-DC	RF Remote Control/Smart Control/BT
	3000 DCM SERIES - R2135 DCM	RF Remote Control/Smart Control/MATTER
	2000 AC SERIES - R2150 AC	RF Remote Control/Smart Control/BT
	2000 ACM SERIES - R2155 ACM	RF Remote Control/Smart Control/MATTER

LOUVOLITE SIDE CONTROL SYSTEMS MAXIMUM BLIND SIZE

SYSTEM	FABRIC GROUP	BLIND WIDTH (m) FOR BLIND DROP (m)					40HD	MAX HOLDING WEIGHT
		0.5	1.0	1.5	2.0	2.5	3.0	
System 45®	up to 200g/m sq 200 > 320g/m sq 320 > 485g/m sq	6.0 4.75 6.0	6.0 4.75 6.0	6.0 4.75 6.0	6.0 4.75 5.0	6.0 4.75 4.0	4.5 2.80 1.85	12lb blind at 9mm deflection
Use System 45® heavy duty tube (R8029) for a 3.5m width. Also available for System 32® and 40®								

Your Louvolite Distributor

CI/SfB 1976 reference by SfB Agency
(76.7) X

For more information view the online pdf at www.louvolitecommercial.com/systems/

HARDWARE SPECIFICATION

Roller System 45®

Our roller blinds are manufactured using the Louvolite System 45® roller blind mechanism with specifically designed grooved aluminium tubing. The specified fabrics are formed and held into the tube with locking tape. The side control units, manufactured in the UK, are made from glass filled Nylon 6, with an acetal sprocket and sprocket guard, and includes a locking spring.

The operating chain, No. 10 size in metal or plastic, ensures reliable performance, and improved chain location enables quick and easy on-site adjustment. The brackets are made from mild steel, zinc plated and powder coated, suitable for top, face or side fixing.

A sprung plunger end mechanism is positioned at the opposite end to the control unit, providing a more secure fit of the blind and smooth operation. The side control unit is fitted with a centre plug that ensures the mechanism operates smoothly even under extreme loads.

Performance

To ensure a positive performance, all Louvolite roller system units are designed and manufactured in the UK using prime quality plastic materials and a dedicated steel locking spring. The sidewinders will lock into the bracket with the unique bracket securing pin for safety after installation.

10 year life cycle testing is done to ensure long lasting performance. The units will accept both metal or plastic operating chain providing reliable smooth operation.

Operation

Using manual or motorised operation all blinds must be compliant with the child safety elements of BS EN13120. Where children may be present, the chain must be fitted with easybreak connectors or cord tidy devices.

Bottom Bar

Teardrop, made of aluminium or pvc, can be single or double wrapped in fabric or left exposed, while circular and the dual face Gemini, made of aluminium, only have the fabric formed and locked into the top part to leave the bar exposed. All fabric is formed and held into place with locking tape. The dual face Gemini bar, smooth on one side and angular on the other, improves the ease of manufacture and use of thicker laminate fabrics.

Maintenance

All of the roller blind system components are manufactured using aluminium, treated steel and plastic. They do not present any corrosion problems in normal environments. The system has been designed for a smooth operation, together with a rigidity to prolong the window blind's working life. Manufacturing size restrictions are included in this specification brochure.

Back Bar Mounting Plate/ Brackets

The brackets are made from mild steel, zinc plated and powder coated, suitable for top fixing and designed for quick and simple installation whilst minimising the light gap between the blind and the recess.

NOTES