

EASY SPRING WAND

PRODUCT SPECIFICATIONS

April 2018



www.shadesbymatiss.com | T. 800 493 2040 | email: info@shadesbymatiss.com



CONTENTS

April 2018

SECTION NO.	DESCRIPTION	PAGE NO.
SECTION 1 – OVERVIEW		1.1
	PART A – GENERAL SCHEMATIC	1.1
	PART B – SHADE OPERATION	1.2
	PART C – SYSTEM OPTIONS	1.3
SECTION 2 – SYSTEM SPECIFICATIONS		2.1
	PART A –LIFTING CAPACITY	2.1
	PART B – SYSTEM CAPACITY	2.1
	PART C – SPRING CAPACITY	2.2
SECTION 3 – TEST SUMMARY		3.1
SECTION 4 – MATERIAL SPECIFICATIONS		4.1
SECTION 5 – WARRANTY		5.1
SECTION 6 – SPECIFICATION IMAGES		6.1
	PART A – DEDUCTIONS	6.1
	PART B – ROLL DETAILS	6.2

DISCLAIMER

INTRODUCTION

This product specifications manual has been produced by Rollease Acmeda to supply the necessary information for safe and correct assembly and installation of this system.

DISCLAIMER

Rollease Acmeda has used reasonable care in preparing the information included in this document, but makes no representations or warranties as to the completeness or accuracy of the information. Information is supplied upon the condition that the persons receiving the information will make their own determination as to its suitability for their purposes prior to use. Rollease Acmeda assumes no liability whatsoever for any damages incurred by you resulting from errors in or omissions from the information included herein. Rollease Acmeda reserves the right to make changes without further notice to any products to improve reliability, function or design.

COPYRIGHT

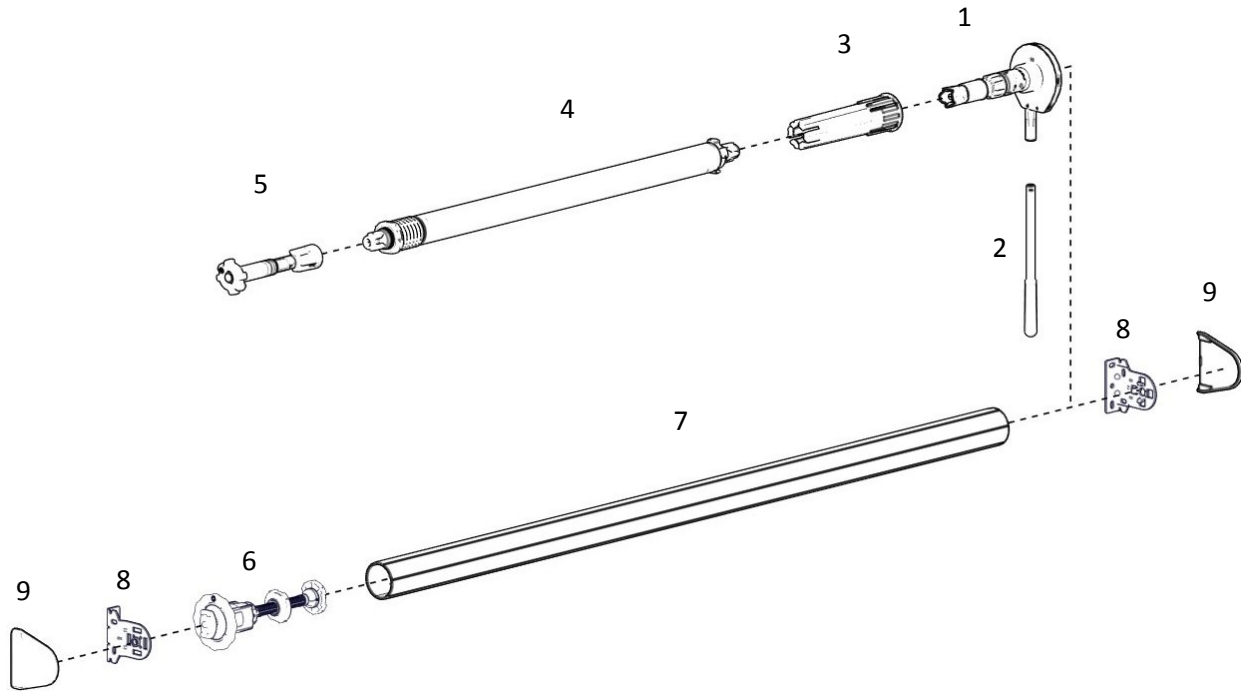
COPYRIGHT © ROLLEASE ACMEDA 2018

All rights reserved. No part of this document may be reproduced or utilized in any means, by any means, electronic or mechanical including photocopying, recordings, or by any information storage or retrieval system, without the express permission from Rollease Acmeda.



PART A – GENERAL SCHEMATIC

Rollease Acmeda Easy Spring Wand single roller system offers a high quality, aesthetically pleasing and technologically advanced Wand or Shade controlled solution. The shade will open to your preferred top location in a smooth and controlled motion, with one simple touch.



Note: This configuration is primarily shown throughout manuals; Right handed, Back Roll
The side of the wand control determines what handed shade it is.

SYSTEM INDEX

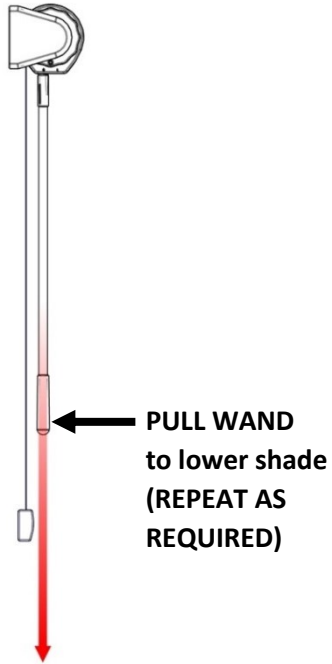
- 1. Wand Control
- 2. Wand
- 3. Connector
- 4. Booster Universal
- 5. Booster Decelerator
- 6. Limiter – Single Stop
- 7. Aluminum Tube
- 8. Mounting Brackets
- 9. Bracket Covers



PART B – SHADE OPERATION

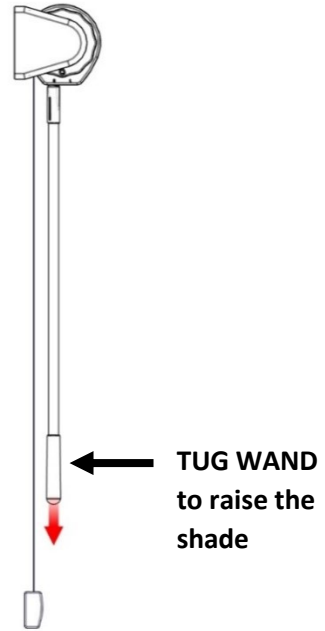
DOWN:

PULL Wand



UP:

TUG Wand
(Shade will automatically rise)

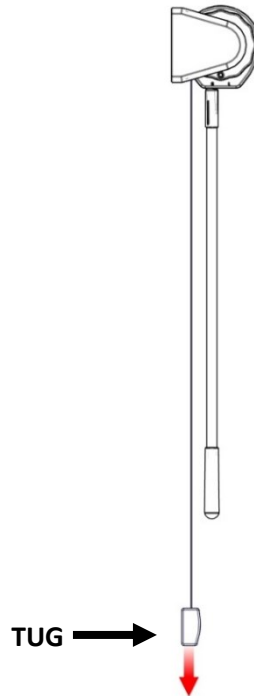


OR

PULL Bottom Rail



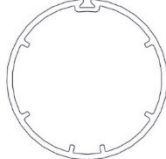
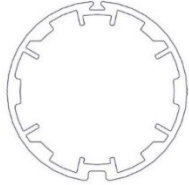


TUG Bottom Rail
(Shade will automatically rise)




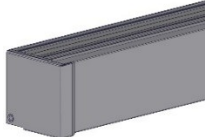
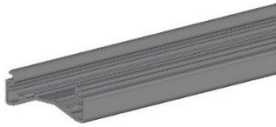
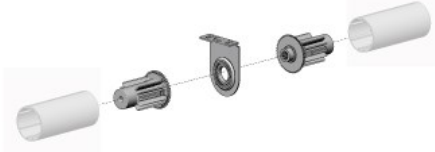
PART C – SYSTEM OPTIONS

TUBE OPTIONS

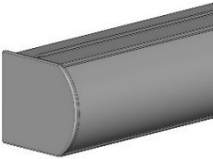

1.5"	S45 LIGHT	S45 STANDARD	S45 HEAVY DUTY
			

LX BRACKET ADD ONS

CF90 CASSETTE FASCIA SUITE (INCLUDING EDGE)

	
MOUNTING RAIL	EASY LINK
	

1.5" BRACKET ADD ONS

ROUND CASSETTE	LINK SYSTEMS
	
NOTE: CASSETTE 100/120 BRACKETS REQUIRED	

COLOR RANGE



pure white
D69



SECTION 2 – SYSTEM SPECIFICATIONS

PART A – LIFTING CAPACITY

TUBE	BOOSTER			
	SHORT [0.46 Nm (0.34 ft. Lbs)]	LIGHT [0.60 Nm (0.44 ft. Lbs)]	STANDARD [1.09 Nm (0.80 ft. Lbs)]	HEAVY DUTY [1.77 Nm (1.30 ft. Lbs)]
1 ½ INCH	1.7 kg (3.7 lbs)	2.4 kg (5.24 lbs)	3.6* kg (7.94 lbs)	NA
S45 LIGHT	1.5 kg (3.3 lbs)	2.1 kg (4.68 lbs)	3.3* kg (7.28 lbs)	3.3*kg (7.28 lbs)
S45 STANDARD	1.5 kg (3.23 lbs)	2.1 kg (6.11 lbs)	3.1* kg (6.83 lbs)	3.1*kg (6.83 lbs)
S45 HD	1.3 kg (2.91 lbs)	1.9 kg (4.13 lbs)	2.9* kg (6.39 lbs)	2.9*kg (6.39 lbs)

*Limited by system capacity and user effort

PART B – SYSTEM CAPACITY

D30 Medium Weight Bar (No Ballast)

420gsm (12.39 oz/yd²) FABRIC | Thickness 0.55mm (0.022")

DROP		WIDTH														ft				
		2	3	4	5	6	7	8	9	10	11	12	13	14						
ft	m	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	m
2	0.5																			
	0.6																			
	0.7																			
	0.8																			
3	0.9																			
	1.0																			
	1.1																			
4	1.2																			
	1.3																			
	1.4																			
	1.5																			
5	1.6																			
	1.7																			
	1.8																			
	1.9																			
	2.0																			
7	2.1																			
	2.2																			
	2.3																			
8	2.4																			

LEGEND	DESCRIPTION
	1.5" (38mm) + S45 All Tubes
	S45 All Tubes
	S45 STD + HD
	S45 HD
	S45 STD + Easy-Link (Single Shade Only)
	Cannot be achieved - outside product specifications

* 750mm (29.53") Minimum Shade Width


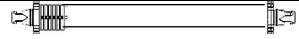





PART C – SPRING CAPACITY

1.5" (38mm) TUBE – D30 Medium Weight Bar (No Ballast)
420gsm (12.39 oz/yd²) FABRIC | Thickness 0.55mm (0.022")

DROP		WIDTH																		ft
		2	3	4	5	6	7	8	9	10	11	12	13	4.0						
ft	m	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	m
2	0.5		11	14	15	16	17	18	18	19	11	12	12	13	13	14	14	15		
	0.6		11	14	15	16	17	18	19	20	11	12	12	13	13	14	14	15		
	0.7		11	14	15	16	17	18	19	20	11	12	13	13	14	14	15	15		
3	0.8		11	14	15	16	17	18	19	20	11	12	13	13	14	14	15	15		
	0.9		11	14	15	17	18	19	20	11	12	13	13	14	14	15	15			
	1.0		11	14	15	17	18	19	20	11	12	13	13	14	14	15	16			
4	1.1		11	15	15	17	18	19	20	11	12	13	14	14	15	15	16			
	1.2		11	15	16	17	18	19	20	11	13	13	14	14	15	16	16			
	1.3		11	15	16	18	19	20	21	11	13	13	14	15	15	16	17			
5	1.4		11	15	17	18	19	20	21	13	13	14	14	15	16	16				
	1.5		12	15	17	18	19	20	22	13	13	14	15	15	16	17				
	1.6		12	16	17	18	19	21	22	13	14	14	15	16	16	17				
6	1.7		12	16	17	19	20	21	22	13	14	15	15	16	17	17				
	1.8		12	16	18	19	20	21	23	13	14	15	16	16	17	18				
	1.9		12	17	18	19	20	22	13	14	14	15	16	17	17	18				
7	2.0		12	17	18	19	21	22	13	14	15	15	16	17	18					
	2.1			17	18	20	21	23	13	14	15	16	17	17	18					
	2.2			17	19	20	21	23	14	14	15	16	17	18						
8	2.3			17	19	20	22	23	14	15	16	16	17	18						
	2.4			18	19	21	22	24	14	15	16	17	18							

Note: The minimum blind width is 750mm (29.53")

LEGEND	DESCRIPTION	COLOR
	RB12 S45 Universal Booster - Short	
	RB12 S45 Universal Booster - Light	
	RB12 S45 Universal Booster - Standard	
	RB12 S45 Universal Booster - Standard with Easy Link	
	RB12 S45 Universal Booster - Heavy Duty with Easy Link	
	Cannot be achieved - outside product specifications	

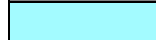

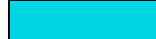
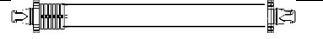


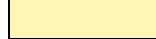




NOTE: The above charts are indicative only. Due to variances in fabric weights, weight bar weights, addition of ballast and friction the optimum number of pre-turns will vary shade to shade. For more accurate information please refer to the pre-rotation document.



S45 LT TUBE – D30 Medium Weight Bar (No Ballast)
420gsm (12.39 oz/yd²) FABRIC | Thickness 0.55mm (0.022")

DROP		WIDTH																	ft	
		2	3	4	5	6	7	8	9	10	11	12	13							
ft	m	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	m
2	0.5		11	15	15	16	17	10	11	11	12	12	13	13	8	8	8	9	9	
	0.6		11	15	16	17	18	10	11	11	12	13	13	14	8	8	9	9	9	
	0.7		11	15	16	17	18	10	11	12	12	13	13	14	8	8	9	9	9	
3	0.8		11	15	16	17	18	10	11	12	12	13	13	14	8	8	9	9	10	
	0.9		12	15	16	17	18	10	11	12	12	13	14	14	8	8	9	9	10	
	1.0		12	15	16	17	18	11	12	12	13	13	14	14	8	9	9	10	10	
4	1.1		12	15	16	18	19	11	12	12	13	13	14	15	8	9	9	10	10	
	1.2		12	16	17	18	19	11	12	12	13	14	14	8	8	9	10	10	10	
	1.3		12	16	17	18	19	11	12	13	13	14	15	8	8	9	10	10		
5	1.4		12	16	17	18	19	12	12	13	14	14	15	8	8	10	10			
	1.5		12	16	17	18	20	12	12	13	14	14	15	8	9	10	10			
	1.6		12	16	17	19	20	12	13	13	14	15	15	8	10	10				
6	1.7		12	16	18	19	20	12	13	13	14	15	16	8	10					
	1.8		12	17	18	19	12	12	13	14	14	15	16	10						
	1.9		12	17	18	19	12	12	13	14	15	15	16	10						
7	2.0		12	17	18	20	12	13	13	14	15	16	17							
	2.1		12	17	19	20	12	13	14	14	15	16	8							
	2.2		12	17	19	20	12	13	14	15	16	16								
8	2.3			18	19	21	12	13	14	15	16	17								
	2.4			18	19	21	13	13	14	15	16	17								

Note: The minimum blind width is 750mm (29.53")

LEGEND	DESCRIPTION	COLOR
	RB12 S45 Universal Booster - Short	
	RB12 S45 Universal Booster - Light	
	RB12 S45 Universal Booster - Standard	
	RB12 S45 Universal Booster - Standard with Easy Link	
	RB12 S45 Universal Booster - Heavy Duty with Easy Link	
	Cannot be achieved - outside product specifications	-












NOTE: The above charts are indicative only. Due to variances in fabric weights, weight bar weights, addition of ballast and friction the optimum number of pre-turns will vary shade to shade. For more accurate information please refer to the pre-rotation document.



S45 STD TUBE – D30 Medium Weight Bar (No Ballast)
420gsm (12.39 oz/yd²) FABRIC | Thickness 0.55mm (0.022")

DROP		WIDTH																		
		2	3	4	5	6	7	8	9	10	11	12	13	ft						
ft	m	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	m
2	0.5		11	15	16	17	17	10	11	11	12	12	13	14	8	8	9	9	9	
	0.6		11	15	16	17	18	10	11	12	12	13	13	14	8	8	9	9	9	
	0.7		11	15	16	17	18	10	11	12	12	13	13	14	8	8	9	9	10	
	0.8		12	15	16	17	18	10	11	12	12	13	14	14	8	8	9	9	10	
3	0.9		12	15	16	17	18	11	11	12	13	13	14	14	8	8	9	9	10	10
	1.0		12	15	16	17	18	11	12	12	13	13	14	14	8	8	9	9	10	10
	1.1		12	15	17	18	19	11	12	12	13	14	14	14	8	8	9	10	10	10
4	1.2		12	16	17	18	10	11	12	13	13	14	14	14	8	8	9	10	10	10
	1.3		12	16	17	18	10	11	12	13	13	14	14	15	8	9	9	10	10	
	1.4		12	16	17	18	10	12	12	13	14	14	14	15	8	9	10	10		
	1.5		12	16	17	19	10	12	12	13	14	14	14	15	8	8	9	10		
5	1.6		12	16	17	19	10	12	13	13	14	14	15	8	8	10				
	1.7		12	16	18	19	11	12	13	14	14	14	15	8	9	10				
	1.8		12	17	18	19	12	12	13	14	15	15	15	8	10					
	1.9		12	17	18	19	12	12	13	14	15	15	16	8	10					
6	2.0		12	17	18	20	12	13	13	14	15	15	16	9						
	2.1		12	17	19	20	12	13	14	14	15	15	16	10						
	2.2		12	17	19	20	12	13	14	15	16	16	16							
	2.3			18	19	21	12	13	14	15	16	16	17							
8	2.4			18	19	21	13	13	14	15	16									

Note: The minimum blind width is 750mm (29.53")

LEGEND	DESCRIPTION	COLOR
	RB12 S45 Universal Booster - Short	
	RB12 S45 Universal Booster - Light	
	RB12 S45 Universal Booster - Standard	
	RB12 S45 Universal Booster - Standard with Easy Link	
	RB12 S45 Universal Booster - Heavy Duty with Easy Link	
	Cannot be achieved - outside product specifications	-




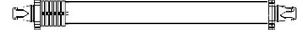







NOTE: The above charts are indicative only. Due to variances in fabric weights, weight bar weights, addition of ballast and friction the optimum number of pre-turns will vary shade to shade. For more accurate information please refer to the pre-rotation document.



S45 HD TUBE – D30 Medium Weight Bar (No Ballast)
420gsm (12.39 oz/yd²) FABRIC | Thickness 0.55mm (0.022")

DROP		WIDTH																			
		2	3	4	5	6	7	8	9	10	11	12	13	ft							
ft	m	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	m	
2	0.5		12	15	16	10	10	11	11	12	12	7	8	8	8	9	9	9	10		
	0.6		12	15	16	10	10	11	11	12	13	7	8	8	9	9	9	10	11		
	0.7		12	15	16	10	10	11	12	12	7	8	8	8	9	9	9	10	11		
	0.8		12	15	17	10	10	11	12	12	7	8	8	8	9	9	9	11	11		
3	0.9		12	16	17	10	11	11	12	12	7	8	8	9	9	9	10	11	11		
	1.0		12	16	17	10	11	11	12	13	7	8	8	9	9	9	10	11	12		
	1.1		12	16	17	10	11	11	12	13	7	8	8	9	9	10	10	11			
4	1.2		12	16	17	10	11	12	12	13	7	8	9	9	9	10	10				
	1.3		12	16	17	10	11	12	12	13	7	8	9	9	9	10					
	1.4		12	16	17	11	11	12	13	13	7	8	9	9	10						
5	1.5		12	16	18	11	11	12	13	14	8	9	9	9							
	1.6		12	17	18	11	11	12	13	14	8	9	9	10							
	1.7		12	17	18	11	12	12	13	14	8	9	9								
6	1.8		13	17	18	11	12	13	13	14	8	9	9								
	1.9		13	17	18	11	12	13	14	14	9	9									
	2.0		13	17	19	11	12	13	14	15	9	9									
7	2.1		13	17	19	11	12	13	14	7	9										
	2.2			18	19	12	12	13	14	7	9										
	2.3			18	19	12	13	13	14	7											
8	2.4			18	11	12	13	14	15	9											

Note: The minimum blind width is 750mm (29.53")

LEGEND	DESCRIPTION	COLOR
	RB12 Universal Booster - Short	
	RB12 Universal Booster - Light	
	RB12 Universal Booster - Standard	
	RB12 Universal Booster - Heavy Duty	
	RB12 Universal Booster - Heavy Duty with Easy Link	
	Cannot be achieved – outside product specifications	-

NOTE: The above charts are indicative only. Due to variances in fabric weights, weight bar weights, addition of ballast and friction the optimum number of pre-turns will vary shade to shade. For more accurate information please refer to the pre-rotation document.



SECTION 3 – TEST SUMMARY

TEST – CYCLE

TEST DESCRIPTION:	BOOSTER UNIVERSAL	TEST REPORT NUMBER:	TR-2015028
CONTROL:	Spring	TORQUE:	SHORT 0.46 Nm (0.34 ft. Lbs) LIGHT 0.60 Nm (0.44 ft. Lbs) STD 1.09 Nm (0.80 ft. Lbs) HD 1.77 Nm (1.30 ft. Lbs)
CYCLES PASSED:	6,000		

TEST DESCRIPTION:	PRETENSION	TEST REPORT NUMBER:	TR-2015011
CONTROL:	Spring	Pretension adjustment:	Every 1,000 cycles
CYCLES PASSED:	10,000	TORQUE:	2.4 Nm (1.77 ft. Lbs)

TEST DESCRIPTION:	POSITION STOP	TEST REPORT NUMBER:	TR-2015016
CONTROL:	NA	Stop positions:	6
CYCLES PASSED:	10,000	TORQUE:	1.5 Nm (1.1 ft. Lbs)

TEST DESCRIPTION:	UNIVERSAL LIMITER	TEST REPORT NUMBER:	TR-2017003
CONTROL:	LH Top Stop	TORQUE:	2.8 Nm (2.1 ft. Lbs)
CYCLES PASSED:	7,000		

TEST DESCRIPTION:	UNIVERSAL LIMITER	TEST REPORT NUMBER:	TR-2017003
CONTROL:	RH Top Stop	TORQUE:	2.8 Nm (2.1 ft. Lbs)
CYCLES PASSED:	7,000		

TEST DESCRIPTION:	EASY SPRING WAND CONTROL	TEST REPORT NUMBER:	TR-2017037
CONTROL:	LH / S45	LOAD:	40 N (9 Lbs)
CYCLES PASSED:	6,000		

TEST DESCRIPTION:	EASY SPRING WAND CONTROL	TEST REPORT NUMBER:	TR-2017037
CONTROL:	RH / S45	LOAD:	35 N (8 Lbs)
CYCLES PASSED:	6,000		



SECTION 4 – MATERIAL SPECIFICATIONS

PART NUMBER	PRODUCT	MATERIAL	METAL FINISHES
RB12-3200-XXXXXX	SPRING CONTROL	POM, ABS/PC	
RB12-450X-XXXXXX	BOOSTER UNIVERSAL	ABS/PC, POM, NYLON, SPRING STEEL, MILD STEEL	
RB12-710X-XXXXXX	SOFT LIFT DECELERATOR	NYLON, POM, TPV	
RB12-2503-XXX140	SINGLE STOP LIMITER LX BRACKET SET	MILD STEEL	
RB12-6000-XXXXXX	LIMITER – SINGLE STOP UNIVERSAL	NYLON GF, POM, SPRING STEEL, MILD STEEL	
RB08-4151-XXX040	VX/LX BRACKET COVER CAPS S40/45	ASA	
RB93-X443-000580	T-SPLINE ALUMINUM TUBE - S45 LIGHT	ALUMINUM	MILL / ANOD (10µM)
RB93-X444-000580	T-SPLINE ALUMINUM TUBE - S45 STANDARD	ALUMINUM	MILL / ANOD (10µM)
RB93-X449-000580	T-SPLINE ALUMINUM TUBE - S45 HEAVY DUTY	ALUMINUM	MILL / ANOD (10µM)
RB92-0404-311215	T-SPLINE - SLIDE-ON	PVC	
HD31-0401-001XXX	MULTI-PURPOSE DOUBLE SIDED TAPE	-	
RB88-2051-XXX480	MKII MOUNTING RAIL BASE 50 VX/LX	ALUMINUM	MILL / ANOD (10µM) / PC
RB88-2092-XXX001	SLIMLINE SPRING CLIP BRACKET	SPRING STEEL	
RB88-4141-XXX030	VX/LX BRACKET COVER CAPS – M/RAIL BASE 40 S45	ASA	
HD82-1904-025010	SELF TAPPING SCREWS PHILIPS COUNTER SUNK HEAD	ALLOY STEEL	
RB12-2501-XXX138	SINGLE STOP LIMITER 1.5" BRACKET SET	MILD STEEL	
RB12-2502-XXX138	BRACKET SINGLE STOP LIMITER 1.5" CASSETTE BRACKET SET	MILD STEEL	
SLBCW	STANDARD BRACKET COVER 1.5" XX	ABS	
RTEA-4T05-XXX580/RTEA-4TXX	1.5" TUBE + M/P TAPE	ALUMINUM	
RB12-3301-XXXX38	EASY SPRING WAND CONTROL	NYLON GF, NYLON, POM, SPRING STEEL, PTFE, PC, UHMWPE, POLYESTER, ALUMINIUM OXIDE	
RB12-9001-XXX090	EASY SPRING WAND UNIVERSAL	ALUMINIUM, PC	ANOD (10µM) / PC
RB12-3810-XXX038	CONNECTOR 1.5"	ABS/PC	
RB12-4510-XXX045	CONNECTOR S45	ABS/PC	
RC02-0203-XXX090	EASY SPRING WAND GUIDE CF90 LH & RH	PC	N/A



Rollease Acmeda provides a 5 year hardware warranty against defects to the original purchaser (the fabricator/manufacturer).

The hardware warranty is not to be transferred to the end consumer.

The hardware warranty is limited to the repair or resupply of defective hardware components to the fabricator/manufacturer only.

The hardware warranty is applicable to normal use.

The hardware warranty will not apply where the defect arises due to incorrect assembly and installation.

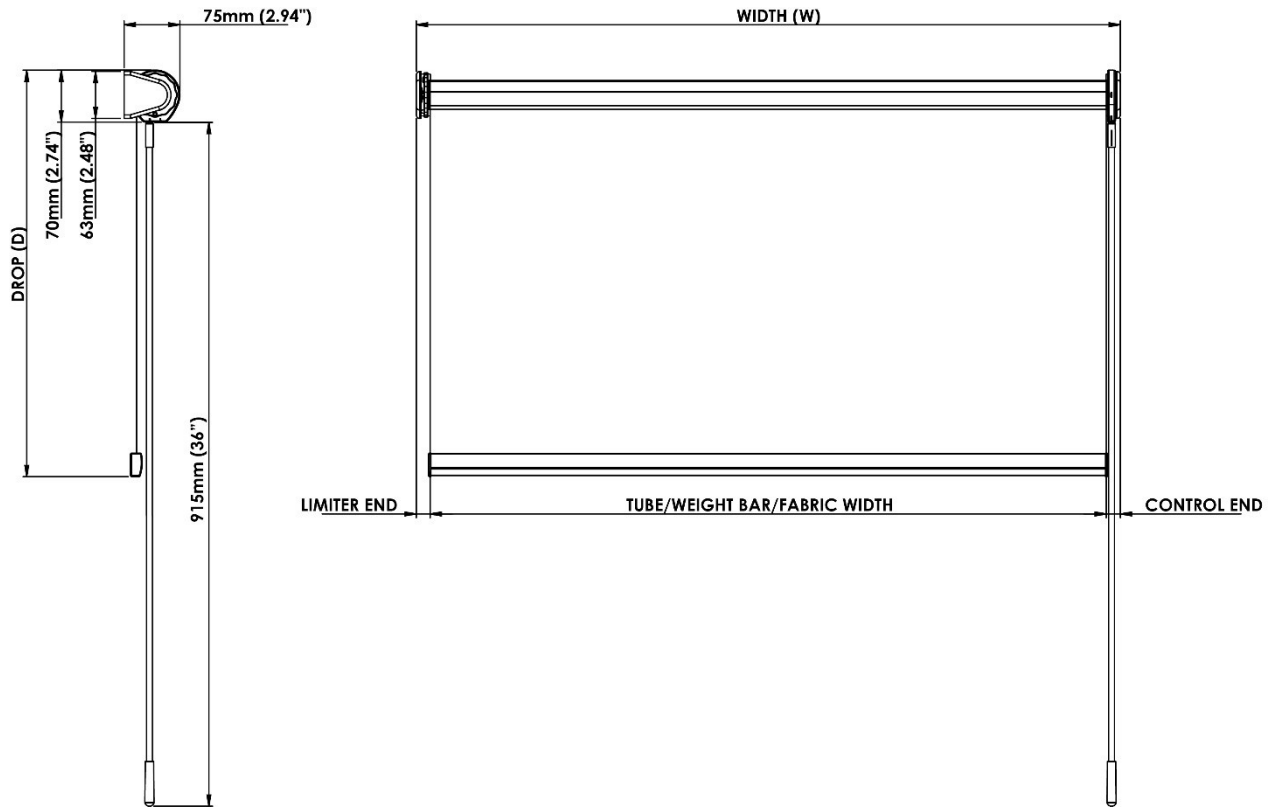
Retailers are obliged to supply consumers with their own warranty, if required, at the point of purchase.



SECTION 6 – SPECIFICATION IMAGES

Please contact Rollease Acmeda: marketing@rolleaseacmeda.com to request electronic copies of the file listed below.

PART A – DEDUCTIONS

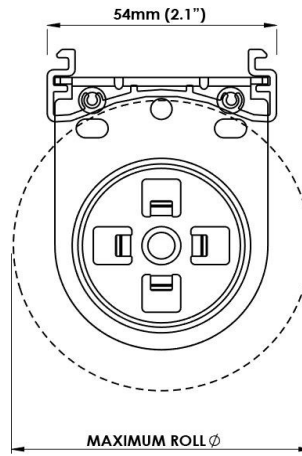
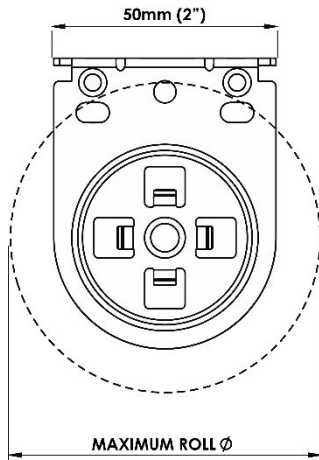


Cord length: 570mm (22.4")

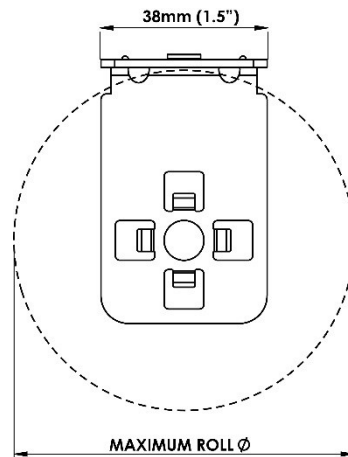
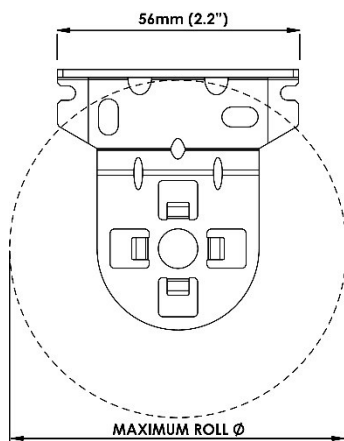
CONTROL TYPE	CONTROL END		LIMITER END	
	With Covers	WithOUT Covers	With Covers	WithOUT Covers
VX/LX	17mm (0.67")	16mm (0.63")	19mm (0.75")	18mm (0.71")
Skyline	20mm (0.79")	18mm (0.71")	20mm (0.79")	
CF 90 Cassette		-	22mm (0.87")	-
Cassette 100/120	17mm (0.67")	15mm (0.59")	21mm (0.83")	18mm (0.71")



PART B – ROLL DETAILS



MAXIMUM ROLL SIZE CHART			
RB12-2503-xxx140	VX/LX without Mounting Rail	78mm	3.07"
	VX/LX with Mounting Rail	72mm	2.84"



Open Bracket

Cassette Bracket

MAXIMUM ROLL SIZE CHART			
RB12-2501-xxx138	1.5" Open Brackets	78mm	3.07"
RB12-2502-xxx138	1.5" Cassette Brackets	78mm	3.07"

For Cassette 100, Maximum roll size is 63.5mm (2.50")

For Cassette 120, Maximum roll size is 72.9mm (2.87")

