EXTREME WIRE GUIDE S100

PRODUCT SPECIFICATIONS

ROLLEASE ACMEDA
PRECISION IN MOTION

CONTENTS

DISCLAIMER

This manual is produced by Rollease Acmeda to supply the necessary information to ensure the safe and correct assembly, installation & operation of the hardware referenced.

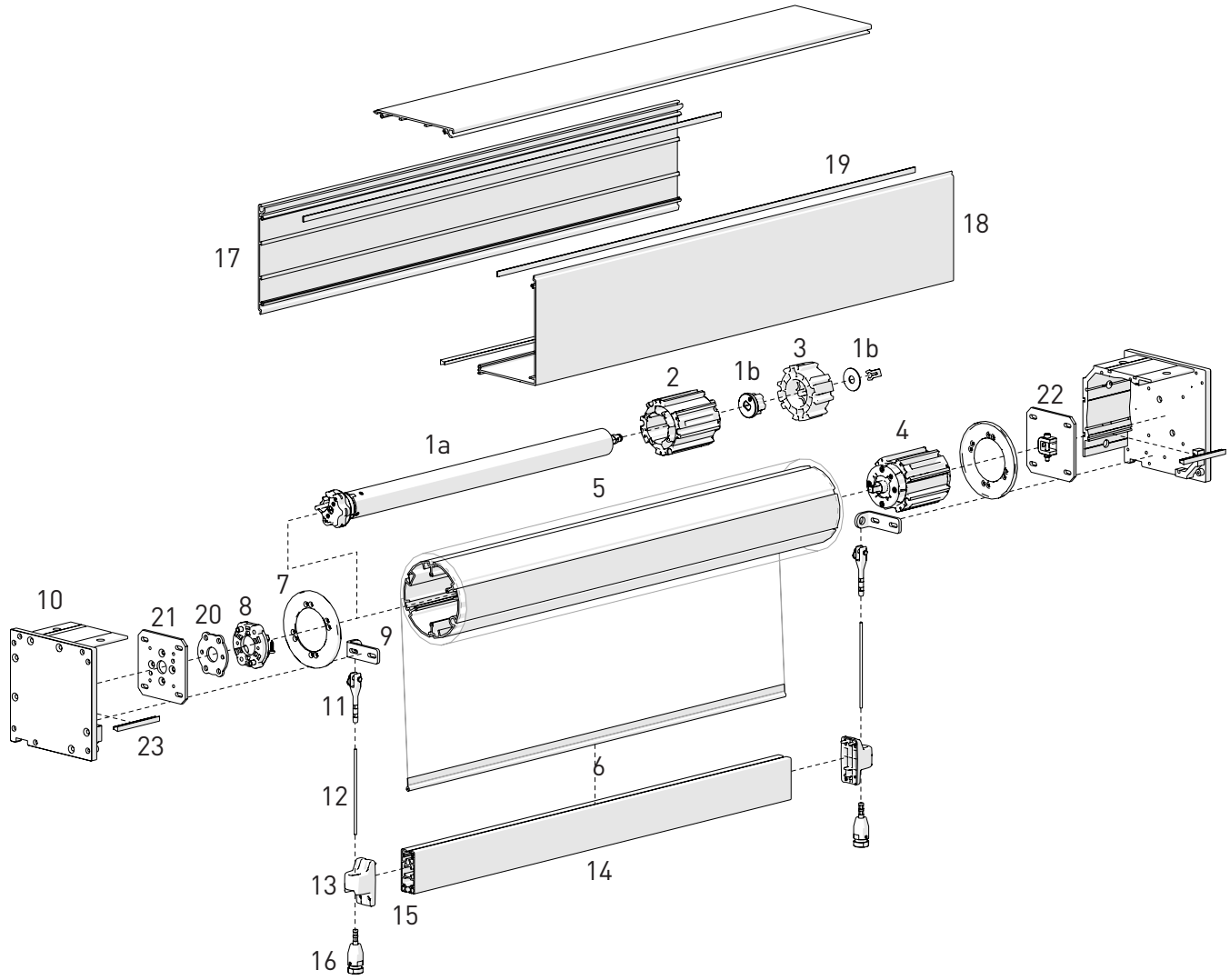
ROLLEASE ACMEDA

WARRANTY

Rollease Acmeda provide 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 fabrictor/manufacturer only.
The hardware warranty is applicable to normal use.
The hardware warranty when applied to external systems assumes the blinds are not used in strong winds/storms and not left down indefinitely.
The hardware warranty will not apply where the defect arises due to incorrect assembly and installation.
The hardware warranty is not applicable for coastal applications unless specified.
Retailers are obliged to supply consumers with their own warranty, if required, at the point of purchase.

GENERAL SCHEMATICS

BOX 190 CASSETTE

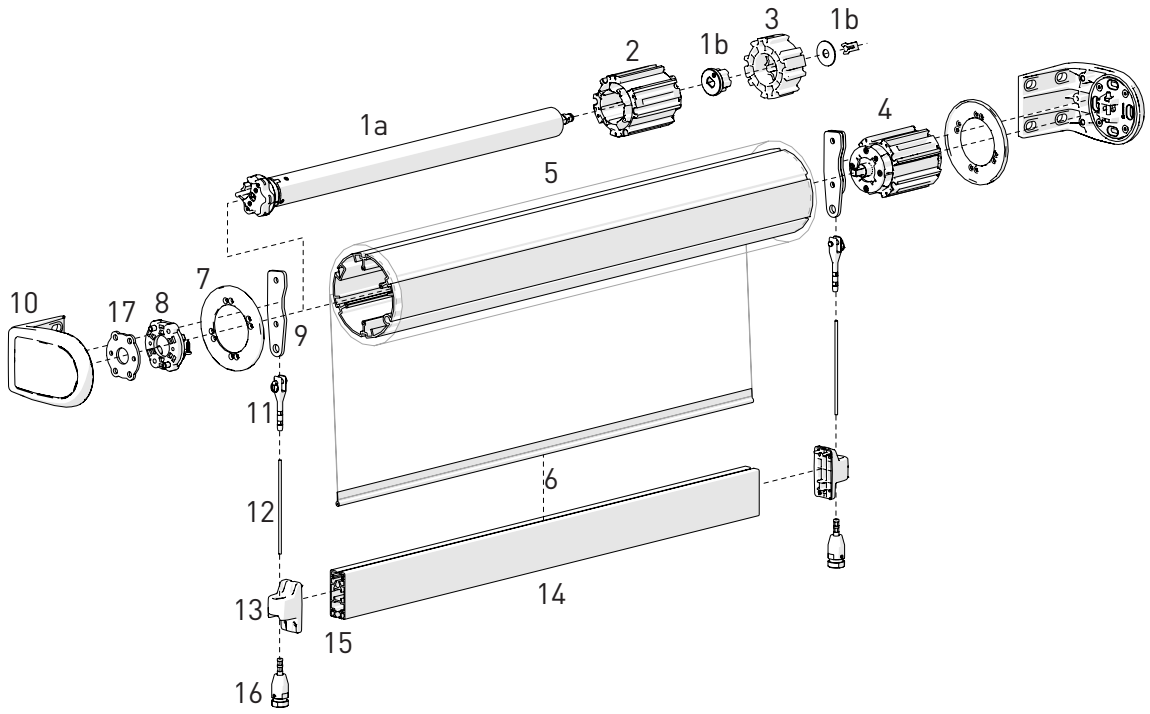


SYSTEM INDEX:

1. a) AUTOMATE | AX30 & AX50 Motors
   b) AUTOMATE | Extreme Drive Wheel Adaptor Kit
2. Extreme Universal Crown Wheel
3. Extreme Drive Wheel
4. Extreme Bearing Idler
5. S100 Aluminium Tube
6. Spline
7. Extreme Tube End Plate
8. Zamack Adaptor
9. Wire Guide Adaptor Plate & Screws
10. Extreme Cassette End Plate & Screws for both sides
11. Fork Swage Terminal
12. Stainless Steel Wire w/ PVC coating - 4mm
13. F72 Wire Guide End Caps
14. F72 Multi Bar
15. Ballast - 25 x 8mm Galv. Flat Bar x 3m
16. Tension Bracket & Flat Head Stud Terminal
17. Extreme Cassette Top & Back Extrusion
18. Extreme Cassette Front Cover Extrusion
19. Foam Tape
20. Zamack Adaptor Spacer
21. Extreme Square Control Bracket Plate
22. Extreme Square Idler Bracket Plate
23. Fabric Brush - T-Slot Fit

GENERAL SCHEMATICS

TOP/FACE FIX BRACKETS



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4. Extreme Bearing Idler
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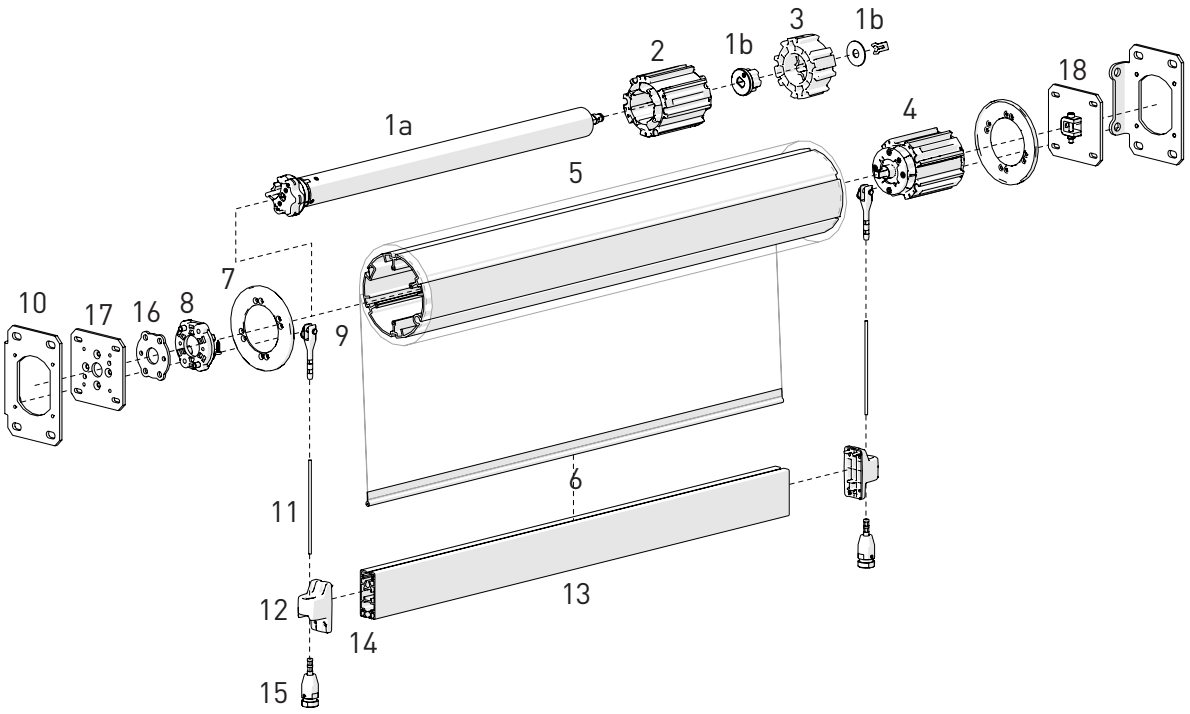
6. Spline
7. Extreme Tube End Plate
8. Zamack Adaptor
9. Wire Guide Adaptor Plate & Screws
10. Extreme Top/Face Fix Open Brackets
11. Fork Swage Terminal
12. Stainless Steel Wire w/ PVC coating - 4mm
13. F72 Wire Guide End Caps
14. F72 Multi Bar
15. Ballast - 25 x 8mm Galv. Flat Bar x 3m
16. Tension Bracket & Flat Head Stud Terminal
17. Zamack Adaptor Spacer

GENERAL SCHEMATICS

SIDE FIX BRACKETS



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6. Spline
7. Extreme Tube End Plate
8. Zamack Adaptor
9. Fork Swage Terminal
10. Extreme Recess Bracket
11. Stainless Steel Wire w/ PVC coating - 4mm
12. F72 Wire Guide End Caps
13. F72 Multi Bar
14. Ballast - 25 x 8mm Galv. Flat Bar x 3m
15. Tension Bracket & Flat Head Stud Terminal
16. Zamack Adaptor Spacer
17. Extreme Square Control Bracket Plate
18. Extreme Square Idler Bracket Plate

SYSTEM OPTIONS

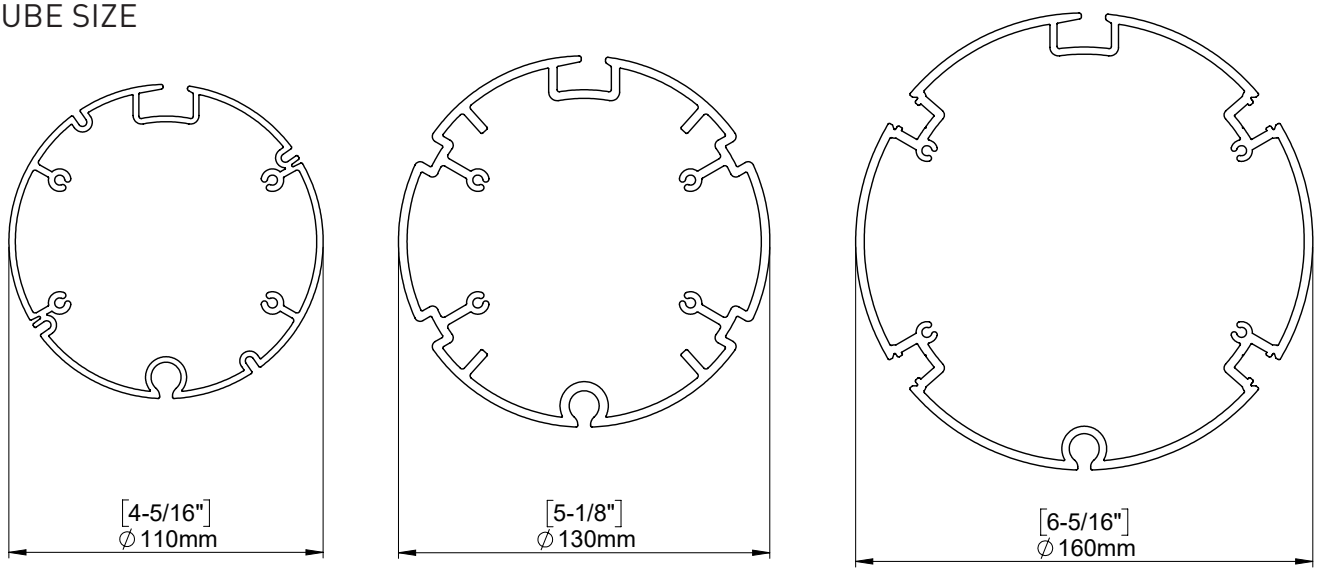
AVAILABLE COLORS

pure white
069

Anodized
018

black
050

TUBE SIZE



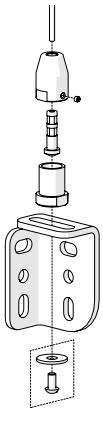
WIRE GUIDE OPTIONS

Tensioning Bracket

Floor Fix

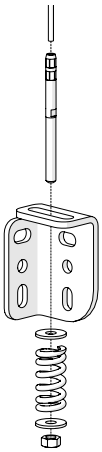
Stud Terminal

Side/Face Fix



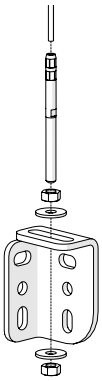
Stud Terminal with Spring

Side/Face Fix



Tensioning Bracket

Side/Face Fix



SPECIFICATION CHARTS

METRIC SYSTEM CAPACITY CHART WITH MOTOR SELECTION

Values are the weight of fabric + the weight bar (kg)

WIDTH

DROP	m	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	7.0	
BOX OR OPEN BRACKETS	2.0	6	7	7	8	9	9	10	10	11	12	12	13	14	14	15	15	16	17	17	18	18	19	20	20	21	22	79
	2.5	7	7	8	9	9	10	11	11	12	13	13	14	15	15	16	17	17	18	19	19	20	21	21	22	23	23	99
	3.0	7	8	9	9	10	11	12	12	13	14	14	15	16	17	17	18	19	19	20	21	22	22	23	24	24	25	119
	3.5	8	9	9	10	11	12	12	13	14	15	15	16	17	18	19	19	20	21	22	22	23	24	25	26	26	27	138
	4.0	8	9	10	11	12	12	13	14	15	16	17	17	18	19	20	21	21	22	23	24	25	26	26	27	28	29	158
	4.5	9	10	11	11	12	13	14	15	16	17	18	18	19	20	21	22	23	24	25	26	26	27	28	29	30	31	178
	5.0	9	10	11	12	13	14	15	16	17	18	19	20	21	21	22	23	24	25	26	27	28	29	30	31	32	33	197
	5.5	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	34	217
	6.0	10	11	12	13	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35		237
	6.5	11	12	13	14	15	16	17	19	20	21	22	23	24	25	26	27	28	29	31	32	33	34	35	36	37		256
BOX + 110 TUBE OR OPEN	7.0	11	13	14	15	16	17	18	19	21	22	23	24	25	26	27	29	30	31	32	33	34	35	37	38	39		276
	7.5	12	13	14	16	17	18	19	20	22	23	24	25	26	28	29	30	31	32	34	35	36	37	38	40	41		296
	8.0	13	14	15	16	18	19	20	21	23	24	25	26	28	29	30	31	33	34	35	36	38	39	40	41			315
	8.5	13	14	16	17	18	20	21	22	23	25	26	27	29	30	31	33	34	35	36	38	39	40	42	43			335
	9.0	14	15	16	18	19	20	22	23	24	26	27	28	30	31	33	34	35	37	38	39	41	42	43	45			355
	9.5	14	16	17	18	20	21	23	24	25	27	28	30	31	32	34	35	37	38	39	41	42	44	45	47			375
	10.0	15	16	18	19	20	22	23	25	26	28	29	31	32	34	35	37	38	39	41	42	44	45	47				394
		79	87	95	103	111	119	126	134	142	150	158	166	174	182	189	197	205	213	221	229	237	245	252	260	268	276	in

25x8 mm Ballast (+ kg)	(x1)	3	4	4	4	4	5	5	5	6	6	6	7	7	7	8	8	8	9	9	9	10	10	10	11	11	11	
	(x2)	6	7	8	8	9	10	10	11	12	12	13	13	14	15	15	16	17	17	18	19	19	20	20	21	22	22	

PARAMETERS

Fabric:	530gsm (17.9oz/yd²), 0.8mm Thick
Weight Bar:	F72 HD External Weight Bar

LEGEND	TUBE DESCRIPTION	MOTOR CAPACITY	
	Outside Product Specifications	**AX30**	**AX50**
	S100 | 110 STD	47 kg	78 kg
	S100 | 130 HD	40 kg	66 kg
	S100 | 160 XHD	32 kg	54 kg

NOTES:

- Increased fabric density or using ballast will reduce the tube capacity.

EXAMPLE SHADE:

Width = 5.0m | Drop = 6.0m:

Fabric and weight bar = **26kg.**

Box or Open Brackets can be selected.

Add two ballast flat bars (full width) = **16kg.**

Fabric and weight bar + ballast = 26kg + 16kg = **42kg.**

This shade needs the **AX50** motor and can use the **S100 | 130 HD** tube.

ROLLEASE ACMEDA

SPECIFICATION CHARTS

IMPERIAL SYSTEM CAPACITY CHART WITH MOTOR SELECTION

Values are the weight of fabric + the weight bar (lb)

WIDTH

DROP	m	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	7.0	
BOX OR OPEN BRACKETS	2.0	14	15	16	18	19	20	22	23	24	26	27	28	30	31	32	34	35	36	38	39	41	42	43	45	46	47	79
	2.5	15	16	18	19	21	22	23	25	26	28	29	31	32	34	35	37	38	40	41	43	44	46	47	48	50	51	99
	3.0	16	17	19	21	22	24	25	27	29	30	32	33	35	36	38	40	41	43	44	46	48	49	51	52	54	55	119
	3.5	17	19	20	22	24	26	27	29	31	32	34	36	37	39	41	43	44	46	48	49	51	53	54	56	58	60	138
	4.0	18	20	22	24	25	27	29	31	33	35	36	38	40	42	44	45	47	49	51	53	55	56	58	60	62	64	158
	4.5	19	21	23	25	27	29	31	33	35	37	39	41	43	44	46	48	50	52	54	56	58	60	62	64	66	68	178
	5.0	21	23	25	27	29	31	33	35	37	39	41	43	45	47	49	51	53	55	57	59	62	64	66	68	70	72	197
	5.5	22	24	26	28	30	33	35	37	39	41	43	46	48	50	52	54	56	59	61	63	65	67	69	72	74	76	217
	6.0	23	25	27	30	32	34	37	39	41	43	46	48	50	53	55	57	59	62	64	66	69	71	73	75	78		237
	6.5	24	26	29	31	34	36	38	41	43	46	48	50	53	55	58	60	62	65	67	70	72	74	77	79	82		256
BOX + 110 TUBE OR OPEN	7.0	25	28	30	33	35	38	40	43	45	48	50	53	55	58	60	63	65	68	70	73	76	78	81	83	86		276
	7.5	26	29	32	34	37	40	42	45	47	50	53	55	58	61	63	66	68	71	74	76	79	82	84	87	90		296
	8.0	28	30	33	36	39	41	44	47	50	52	55	58	61	63	66	69	72	74	77	80	83	85	88	91			315
	8.5	29	32	34	37	40	43	46	49	52	54	57	60	63	66	69	72	75	77	80	83	86	89	92	95			335
	9.0	30	33	36	39	42	45	48	51	54	57	60	63	66	69	72	75	78	81	84	87	90	93	95	98			355
	9.5	31	34	37	40	43	47	50	53	56	59	62	65	68	71	74	78	81	84	87	90	93	96	99	102			375
	10.0	32	35	39	42	45	48	51	55	58	61	64	68	71	74	77	80	84	87	90	93	97	100	103				394
		79	87	95	103	111	119	126	134	142	150	158	166	174	182	189	197	205	213	221	229	237	245	252	260	268	276	in

25x8 mm Ballast (+ lb)																												
	(x1)	7	8	8	9	10	11	11	12	13	13	14	15	15	16	17	18	18	19	20	20	21	22	23	23	24	25	
	(x2)	14	15	17	18	20	21	23	24	25	27	28	30	31	32	34	35	37	38	39	41	42	44	45	46	48	49	

PARAMETERS

Fabric:	530gsm (17.9oz/yd²), 0.8mm Thick
Weight Bar:	F72 HD External Weight Bar

LEGEND	TUBE DESCRIPTION	MOTOR CAPACITY	
	Outside Product Specifications	**AX30**	**AX50**
	S100 | 110 STD	104 lb	171 lb
	S100 | 130 HD	88 lb	145 lb
	S100 | 160 XHD	70 lb	119 lb

NOTES:

- Increased fabric density or using ballast will reduce the tube capacity.

EXAMPLE SHADE:

Width = 166in [14'] | Drop = 237in [20']

Fabric and weight bar = **48lb.**

Box or Open Brackets can be selected.

Add one ballast flat bar (full width) = **15lb.**

Fabric and weight bar + ballast = 48lb + 15lb = **63lb.**

This shade can use the **AX30** motor and the **S100 | 110 STD** tube.

SYSTEM WEIGHTS

METRIC OVERALL SYSTEM WEIGHT

DROP m \ WIDTH	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
2.0	17	21	24	27	30	33	36	40	43	46	49
3.0	18	22	25	29	32	36	39	42	46	49	53
4.0	19	23	27	30	34	38	42	45	49	53	56
5.0	20	24	28	32	36	40	44	48	52	56	60
6.0	21	26	30	34	38	43	47	51	55	59	64
7.0	22	27	31	36	40	45	49	54	58	63	67
8.0	23	28	33	38	42	47	52	57	61	66	71
9.0	24	29	34	39	44	49	54	60	65	70	75
10.0	25	31	36	41	47	52	57	62	68	73	78

+ ADDITIONAL WEIGHT OPTIONS (kg)

		2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0
Box 190		17	20	23	27	30	34	37	40	44	47	51
25x8 mm Ballast	**(x1)**	3	4	5	6	6	7	8	9	10	10	11
	(x2)	6	8	10	11	13	14	16	18	19	21	22
130mm Tube		4	5	6	7	8	9	10	11	12	13	14
160mm Tube		7	8	9	10	12	13	14	15	16	18	19

BASE PARAMETERS

Brackets:	Top / Face Fix Open Brackets
Fabric:	530 gsm (17.9 oz/yd²), 0.8mm Thick
Weight Bar:	F72 HD External Weight Bar
Tube:	S100 | 110mm

NOTES:

- System Weights above are indicative only, based off theoretical calculations.
- Rollease Acmeda recommend weighing the assembled system for accurate results.
- Variances in to specified fabric density or ballast weight must be accounted for.

EXAMPLE SHADE:

Width = 5.0m | Drop = 6.0m = **47kg.**

Add Box 190 weight = **37kg.**

Add two ballast flat bars (full width) = **16kg.**

Add S100 | 130 HD tube weight = **10kg.**

The total shade weight is 47 + 37 + 16 + 10 = 110kg.

SYSTEM WEIGHTS

IMPERIAL OVERALL SYSTEM WEIGHT

DROP \ WIDTH (in)	79	99	119	138	158	178	197	217	237	256	276
79	38	45	52	59	66	73	80	87	94	101	108
119	40	48	56	63	71	78	86	93	101	108	116
158	43	51	59	67	75	83	91	100	108	116	124
197	45	54	62	71	80	88	97	106	115	123	132
237	47	56	66	75	84	94	103	112	121	131	140
276	49	59	69	79	89	99	109	118	128	138	148
315	51	62	72	83	93	104	114	125	135	146	156
355	54	65	76	87	98	109	120	131	142	153	164
394	56	67	79	91	102	114	126	137	149	160	172

+ ADDITIONAL WEIGHT OPTIONS (lb)

		79	99	119	138	158	178	197	217	237	256	276
Box 190		37	44	51	59	66	74	81	89	96	104	111
25x8 mm Ballast	**(x1)**	7	9	11	12	14	16	18	19	21	23	25
	(x2)	14	18	21	25	28	32	35	39	42	46	49
130mm Tube		9	11	13	15	18	20	22	24	26	29	31
160mm Tube		15	18	20	23	26	28	31	33	36	39	41

BASE PARAMETERS

Brackets:	Top / Face Fix Open Brackets
Fabric:	530 gsm (17.9 oz/yd²), 0.8mm Thick
Weight Bar:	F72 HD External Weight Bar
Tube:	S100 | 110mm

NOTES:

- System Weights above are indicative only, based off theoretical calculations.
- Rollease Acmeda recommend weighing the assembled system for accurate results.
- Variances in to specified fabric density or ballast weight must be accounted for.

EXAMPLE SHADE:

Width = 197in | Drop = 237in = **103lb.**

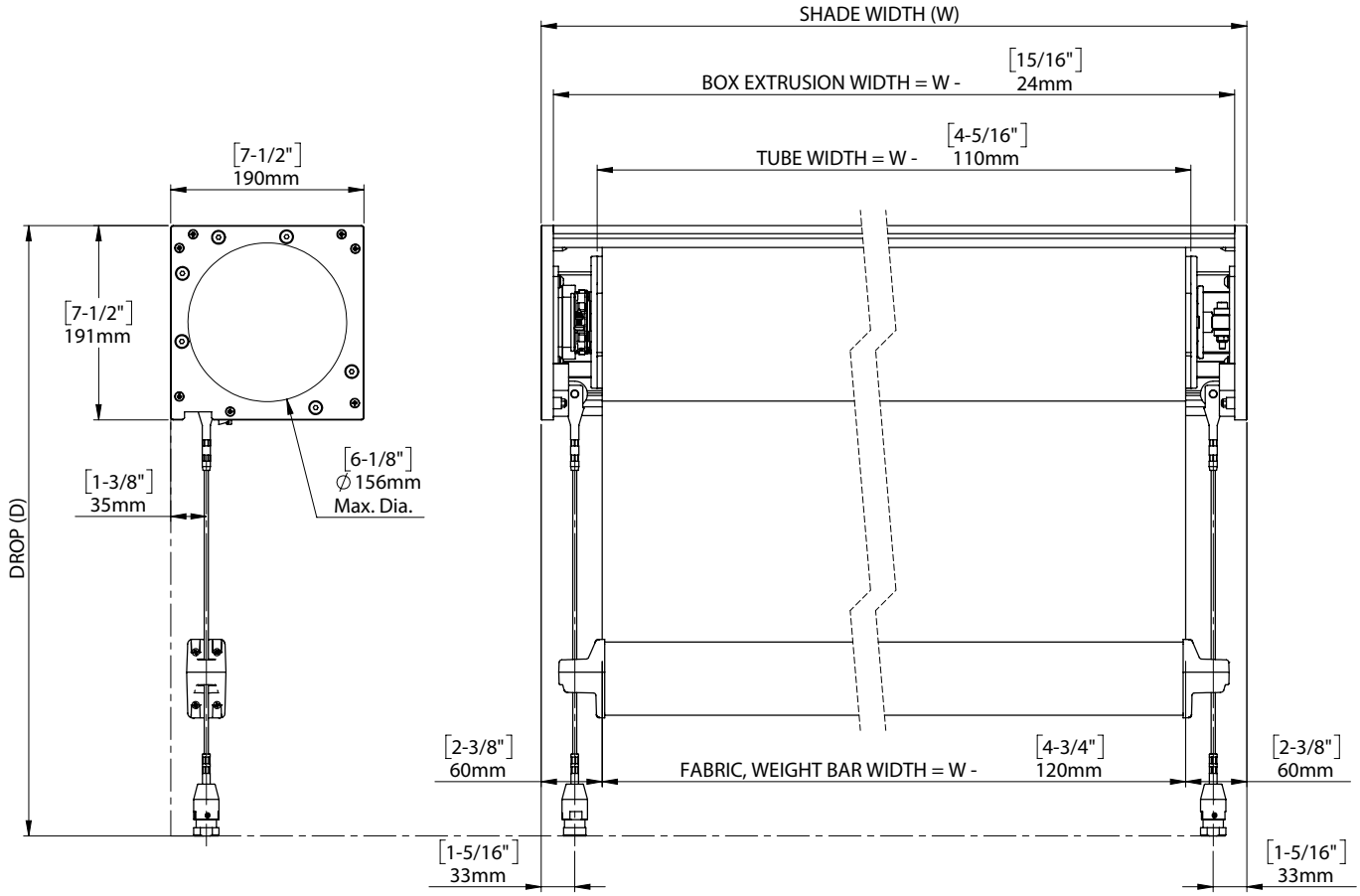
Add Box 190 weight = **81lb.**

Add two ballast flat bars (full width) = **35lb.**

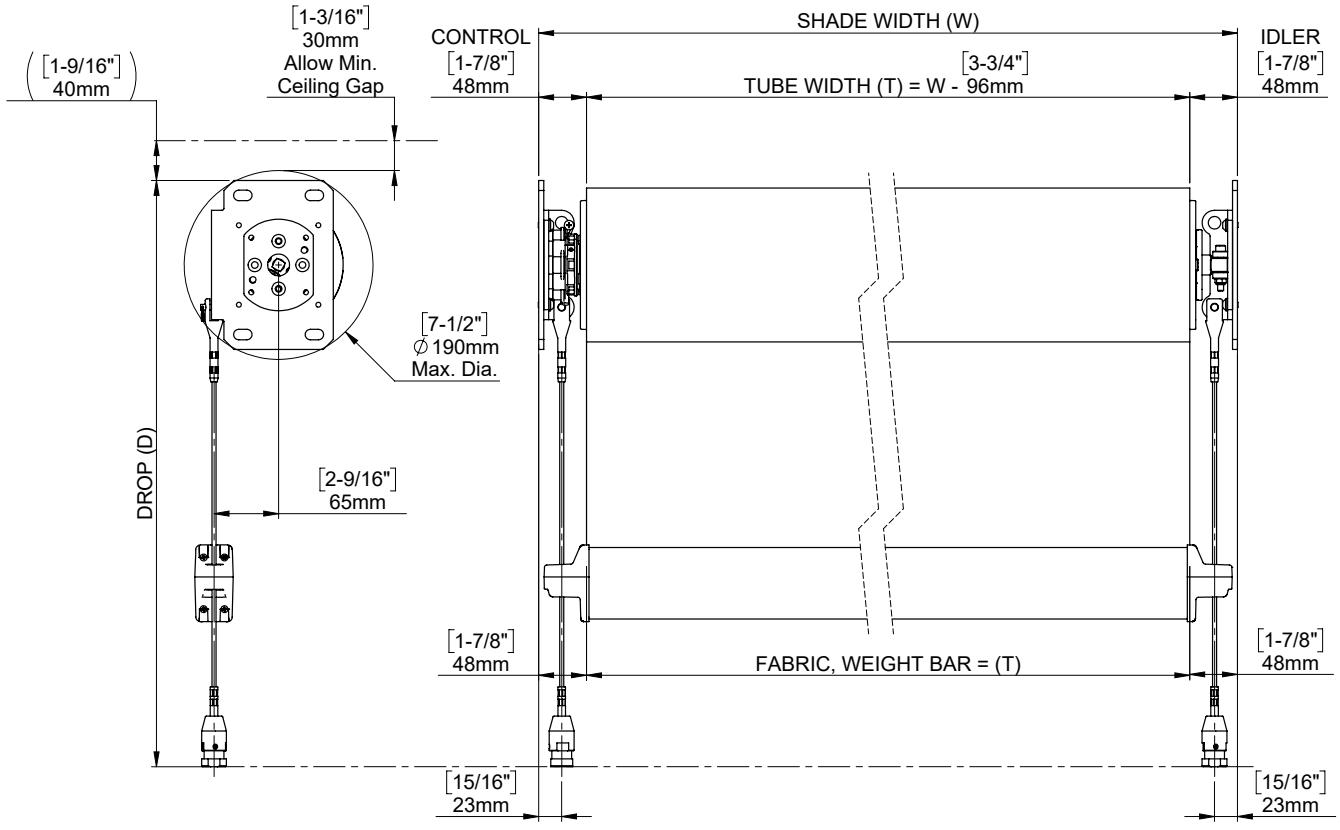
Add S100 | 160 XHD tube weight = **31lb.**

The total shade weight is 103 + 81 + 35 + 31 = 250lb.

BOX 190

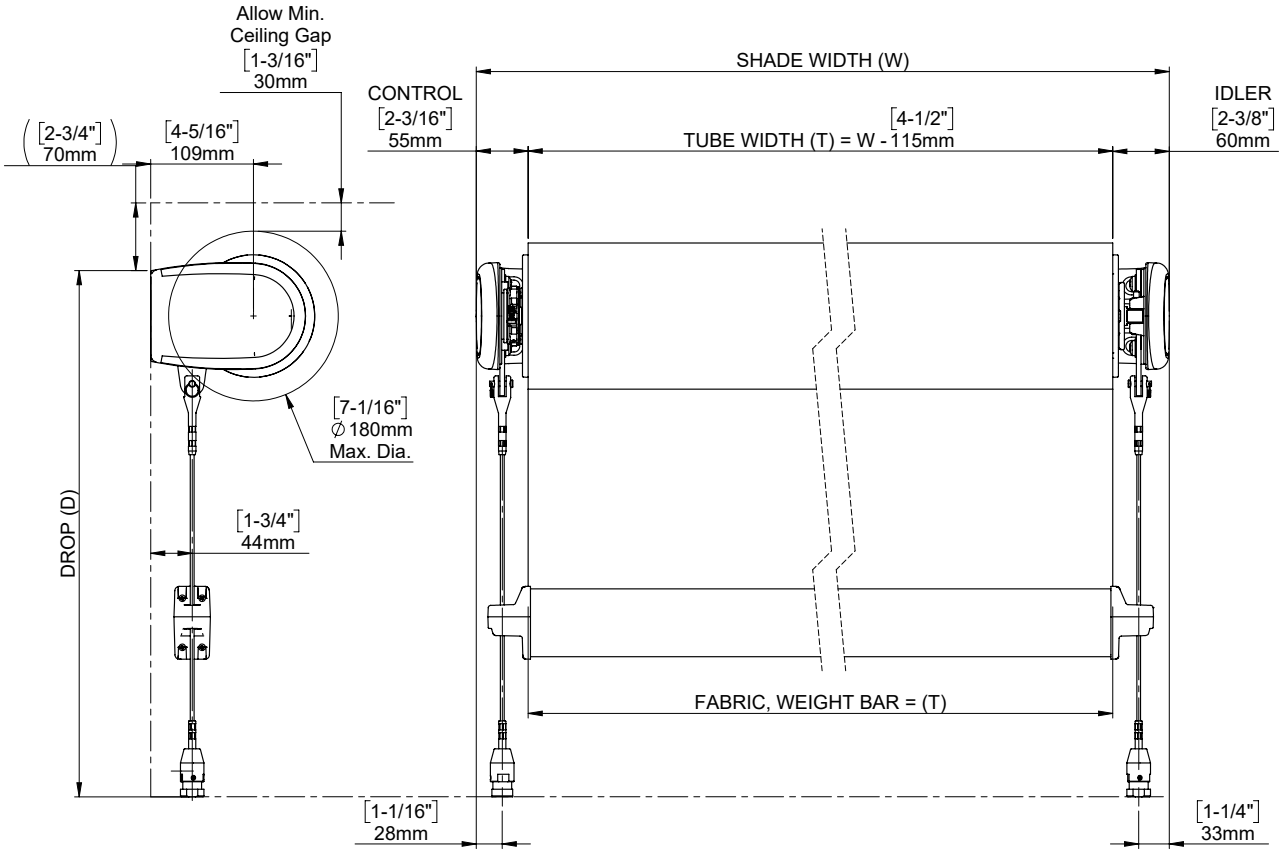


OPEN RECESS BRACKETS

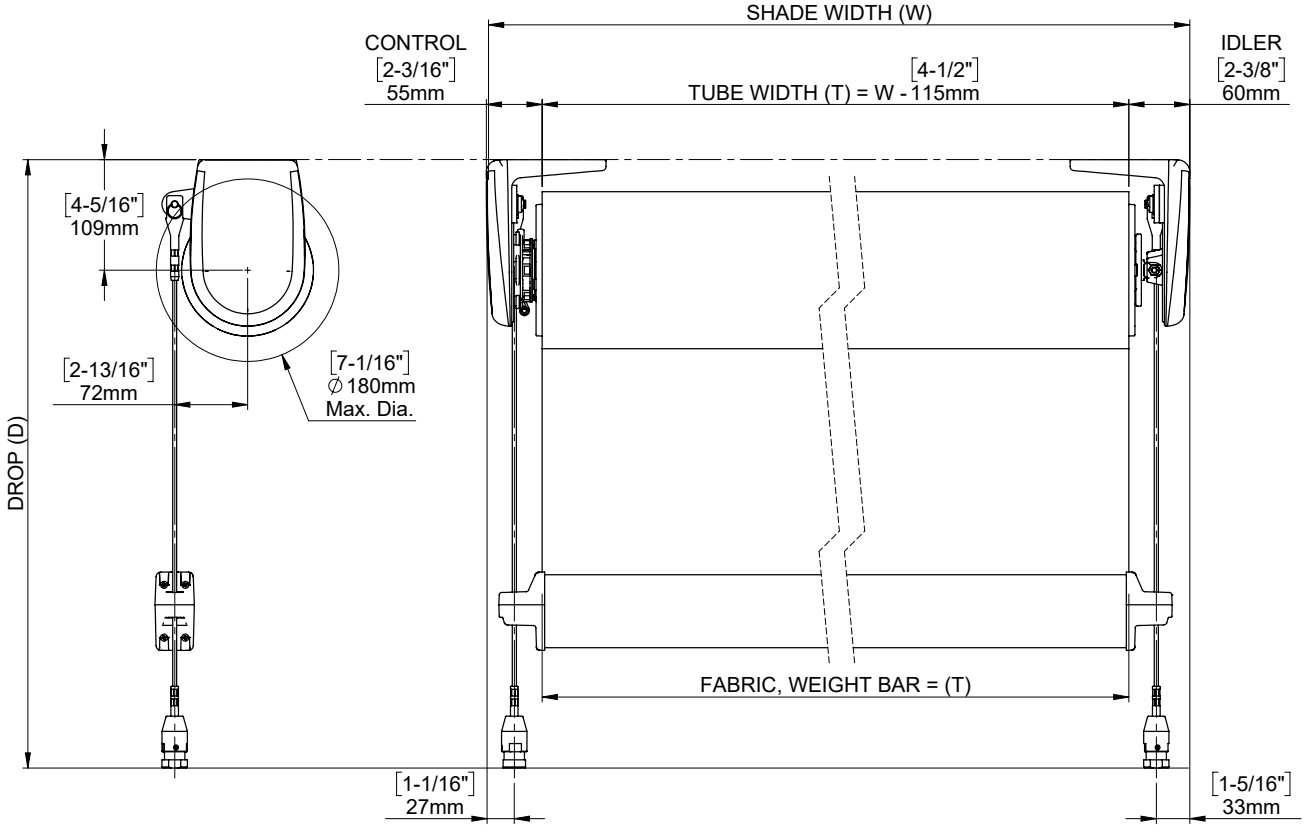


OPEN BRACKETS

FACE FIX BRACKETS



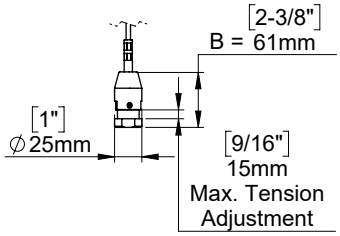
TOP FIX BRACKETS



WIRE GUIDE TENSION OPTIONS

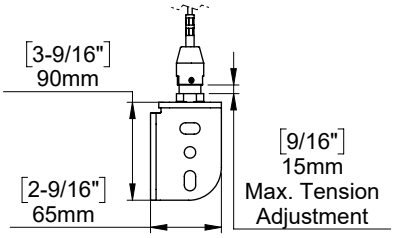
FLOOR MOUNT

Tensioning Bracket



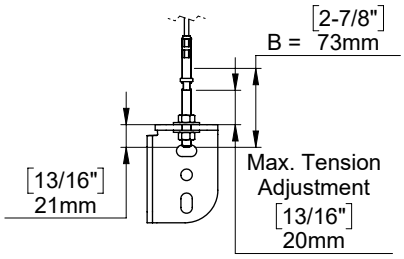
INSIDE WALL MOUNT

Tensioning Bracket With Fixing Bracket



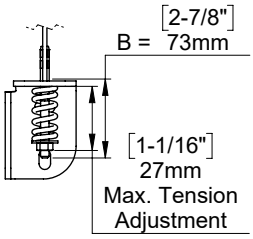
OUTSIDE WALL MOUNT

Stud terminal With Fixing Bracket



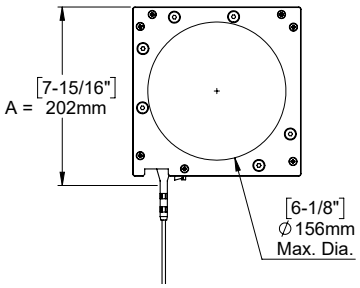
CEILING MOUNT

Stud terminal With Fixing Bracket + Tension Spring

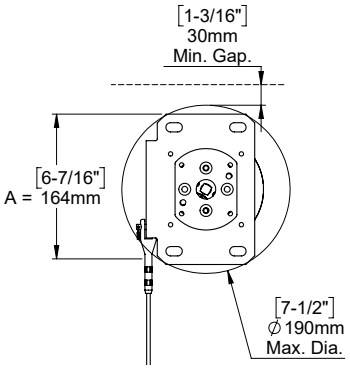


MAXIMUM FABRIC ROLL DIAMETER

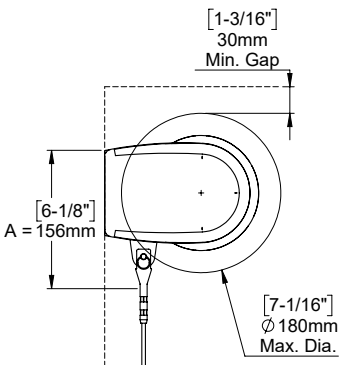
BOX 190



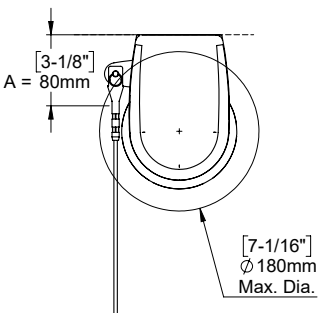
INSDIE WALL MOUNT



OUTSIDE WALL MOUNT



CEILING MOUNT



GUIDELINES

In order to assist with providing seamless communication between the Specifier, Assembler and Installer, Rollease Acmeda are providing some guidelines to assist with measuring and specifying the Extreme system in order to:

- Identify key information for Assembler and Installer
- Improve efficiency
- Limit the number of re-calls / adjustment required on site after installation

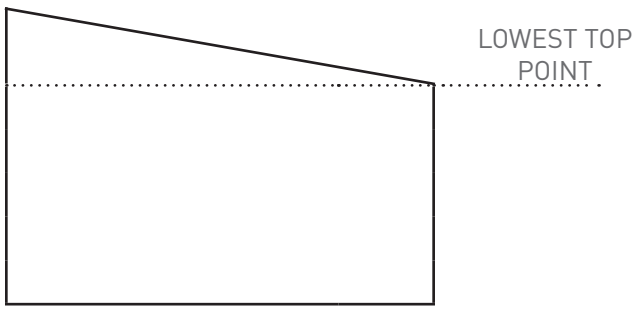
The suggested 'Actual Blind Sizes' are based on:

- Minimum clearances where relevant to assist installers
- Compromise between minimising on site adjustments for installer (plus, overall appearance for end user) and simplifying process/communication for Specifier.
- To simplify the Specifiers task 'Actual Blind Widths' could be based on the smallest size - however depending on installation type packing or on site adjustments will be required at installation.
- To minimise adjustments further analysis into where the walls are out-of-square could be undertaken, however very clear communication between Specifier, Assembler and Installer is required.

MEASURING

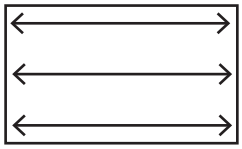
TIP 1: Check Top of Installation Space is level

If Top of Installation Space is uneven, ensure 'Top Width' measurement and all 'Drop' measurements are taken from 'Lowest Top Point' (dotted line indicated below)

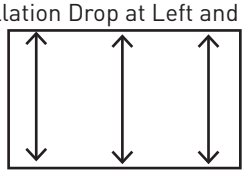


TIP 2: Measure Installation Widths and Drops at two different points.

- Installation Width at Top and Bottom



- Installation Drop at Left and Right



TIP 3: Wire Guide System

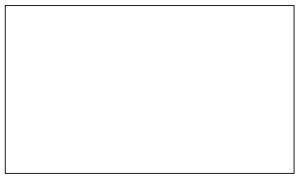
It is recommended to measure, cut and crimp all wire guides on site.

All wire guides are to be crimped (or swaged) using appropriate hydraulic tools available for hire or purchase. Rollease Acmeda can assist by referring you to recommended suppliers, please enquire with our service team for assistance.

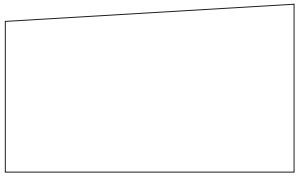
For wire guide crimping details refer to the Installation Manual.

SHADE WIDTH

For all scenarios



Top & Bottom level



Top uneven & Bottom level

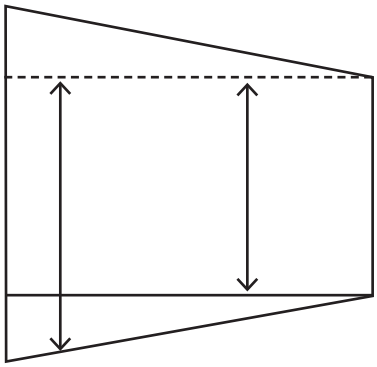
Top level & Bottom uneven^

Top & Bottom uneven^

Blind Drop = Smallest Drop Size

EXAMPLE:

Top & Bottom uneven



DROP (units) | 4 | 3

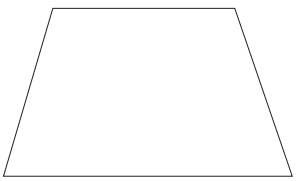
LEFT | RIGHT

Blind Drop = Smallest Drop Size
= Right Hand Drop Size
= 10

SHADE WIDTH

For the following scenarios:

Top & Bottom Widths identical, sides are level



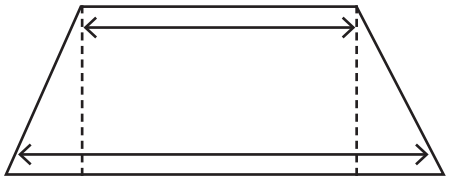
Top Width smaller than Bottom Width, sides are not level

Blind Width = Top Width

EXAMPLE:

Top Width smaller than Bottom Width, sides are not level

WIDTH (units)



3 Top Width

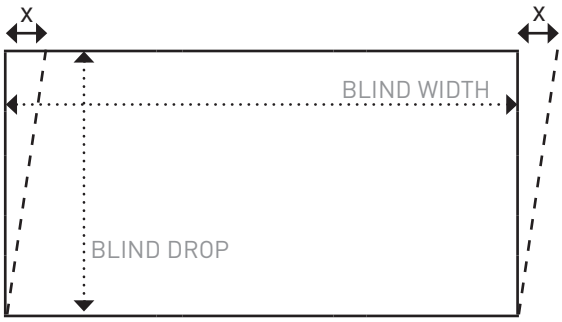
4 Bottom Width

Blind Width = Smallest Width
= 10

ROLLEASE ACMEDA

CUSTOMER DETAILS	
Customer's Name:	
Job Number:	

INSTALLATION SPACE



INSTRUCTIONS
TOP WIDTH (m)*
← Enter Blind Drops (m)
BOTTOM WIDTH (m)

LEFT DROP* (m)

RIGHT DROP* (m)

← Enter Blind Drops (m)

x VALUE ONLY REQUIRED IF TOP, CENTRE & BOTTOM WIDTHS EQUAL AND SIDES NOT LEVEL

x Value (m)

← Enter 'x' value (m)

* If Top of Installation Space is uneven, ensure 'Top Width' measurement and all 'Drop' measurements are taken from 'Lowest Top Point' (refer 'Measure & Specify Guidelines' - Tip 1 for further information)

ACTUAL BLIND SIZE**

BLIND WIDTH (m):	
BLIND DROP (m):	

** Refer to 'Measure & Specify Guidelines - Determining Actual Blind Size' to determine Blind Width and Drop

LEGEND
Enter / Advise Values of Installation Site
Calculated Values (Actual Blinds Sizes)