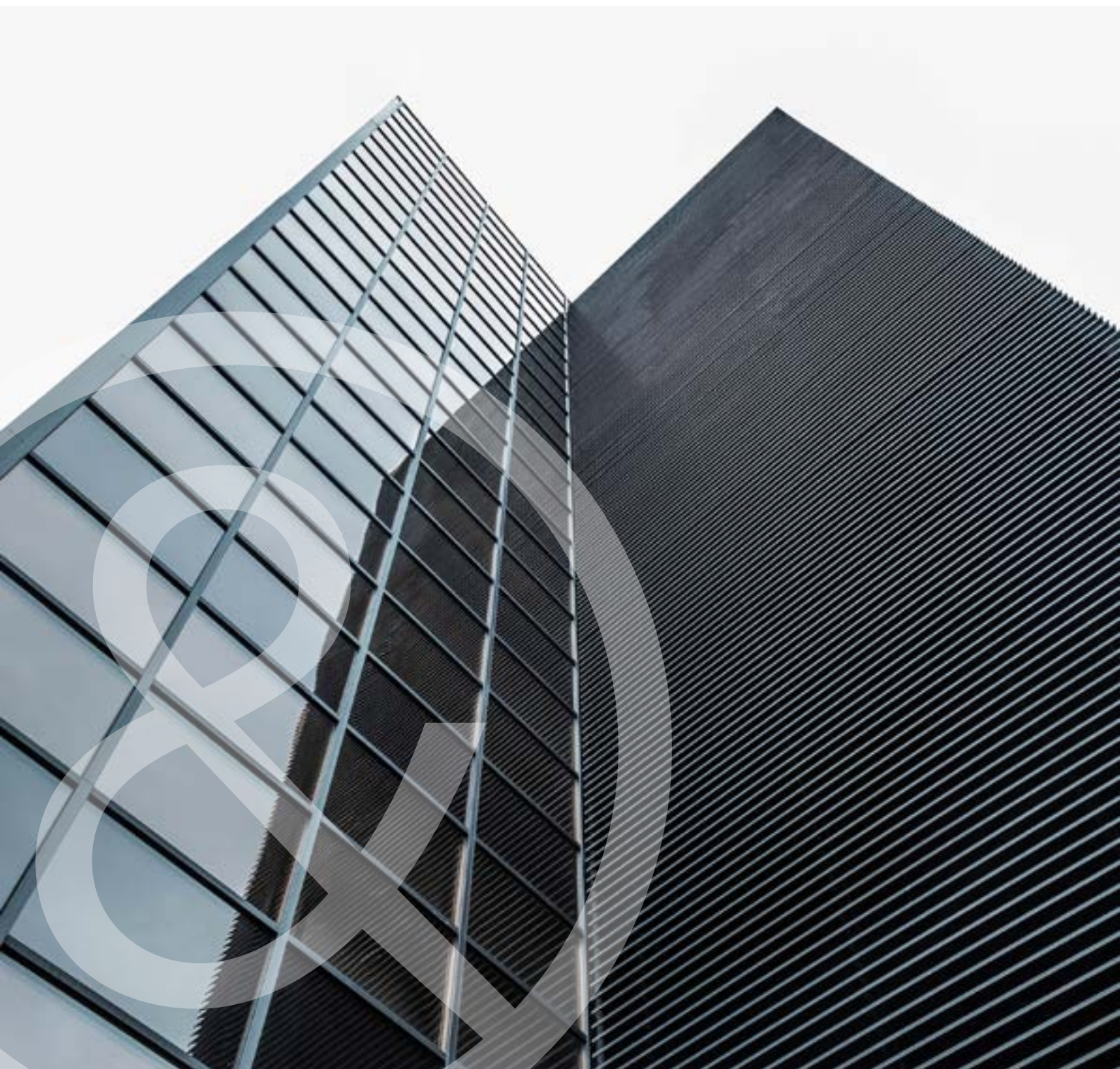


Umbra Flow™ Technical Specification Document

Curtain Track Guide



UMBRA®

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Stack Depth & Curtain Hooks Required

This stack depth is the 'hardware' stack depth – i.e. if all the gliders pull back tight against each other. Stack depth is approximate.

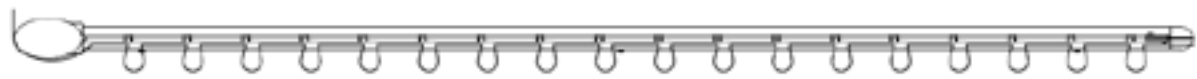
With a split draw track the stack size given will be at EACH END of the track – DO NOT divide it by 2.

If the curtain fabric is particularly thick, it might prevent the gliders from pulling back tight and therefore the stack depth could be more.

For the exact number of gliders & hooks required for your track, contact the team at sales@umbrashading.co.uk.



Standard Heading – One-way Draw



Track Size (mm)	No. of Gliders	Stack Depth (mm)	No. of Hooks
500	4	205	6
1000	11	270	13
1500	17	335	19
2000	24	400	26
2500	30	465	32
3000	37	530	39
3500	43	595	45
4000	50	660	52
4500	56	725	58
5000	63	790	65
5500	69	855	71
6000	76	920	78
6500	82	985	84
7000	89	1050	91
7500	95	1115	97
8000	102	1180	104
8500	108	1245	110
9000	115	1310	117
9500	121	1375	123
10000	128	1440	130

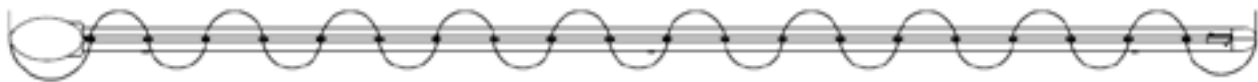
Standard Heading – Split Draw



Track Size (mm)	No. of Gliders Per Side*	Stack Depth Per Side* (mm)	No. of Hooks Per Side*
500	1	208	4
1000	4	240	7
1500	7	273	10
2000	10	306	13
2500	14	338	17
3000	17	371	20
3500	20	403	23
4000	23	436	26
4500	27	468	30
5000	30	501	33
5500	33	533	36
6000	36	566	39
6500	40	598	43
7000	43	631	46
7500	46	663	49
8000	49	696	52
8500	53	728	56
9000	56	761	59
9500	59	793	62
10000	62	826	65

*Please note, these values are given PER SIDE. These values will need to be DOUBLED for the track.

Ripple 80 – One-way draw



Track Size (mm)	No. of Gliders	Stack Depth (mm)	No. of Hooks
500	6	191	8
1000	12	221	14
1500	18	251	20
2000	24	281	26
2500	32	321	34
3000	38	351	40
3500	44	381	46
4000	50	411	52
4500	56	441	58
5000	62	471	64
5500	68	501	70
6000	74	531	76
6500	82	571	84
7000	88	601	90
7500	94	631	96
8000	100	661	102
8500	106	691	108
9000	112	721	114
9500	118	751	120
10000	124	781	126

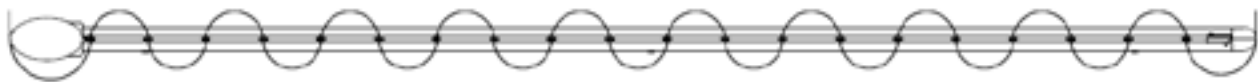
Ripple 80 – Split draw



Track Size (mm)	No. of Gliders Per Side*	Stack Depth Per Side* (mm)	No. of Hooks Per Side*
500	2	146	4
1000	6	166	8
1500	10	186	12
2000	12	196	14
2500	16	216	18
3000	18	226	20
3500	22	246	24
4000	24	256	26
4500	28	276	30
5000	32	296	34
5500	34	306	36
6000	38	326	40
6500	40	336	42
7000	44	356	46
7500	46	366	48
8000	50	386	52
8500	52	396	54
9000	56	416	58
9500	60	436	62
10000	62	446	64

*Please note, these values are given PER SIDE. These values will need to be DOUBLED for the full track.

Ripple 60 – One-way draw



Track Size (mm)	No. of Gliders	Stack Depth (mm)	No. of Hooks
500	8	201	10
1000	16	241	18
1500	24	281	26
2000	32	321	34
2500	42	371	44
3000	50	411	52
3500	58	451	60
4000	66	491	68
4500	74	531	76
5000	82	571	84
5500	92	621	94
6000	100	661	102
6500	108	701	110
7000	116	741	118
7500	124	781	126
8000	132	821	134
8500	142	871	144
9000	150	911	152
9500	158	951	160
10000	166	991	168

Ripple 60 – Split draw



Track Size (mm)	No. of Gliders Per Side*	Stack Depth Per Side* (mm)	No. of Hooks Per Side*
500	4	156	6
1000	8	176	10
1500	12	196	14
2000	16	216	18
2500	20	236	22
3000	24	256	26
3500	28	276	30
4000	32	296	34
4500	36	316	38
5000	42	346	44
5500	46	366	48
6000	50	386	52
6500	54	406	56
7000	58	426	60
7500	62	446	64
8000	66	466	68
8500	70	486	72
9000	74	506	76
9500	78	526	80
10000	82	546	84

*Please note, these values are given PER SIDE. These values will need to be DOUBLED for the track.

Motor load capacity according to rail opening, shape & length

In the Flow™ traversing capacity chart to the right, we state the maximum curtain fabric weight that can be drawn by the system depending on the rail specification and length. The traversing capacity indicated is based on a system with no additional friction created by stress on the rail runners or the curtain fabric touching the rail or pelmet.

Track bending and curving minimum radius



- Minimum bend radius: 300mm
- Maximum weight per runner: 1.5 kg.
- Maximum distance between runners: 10 cm.

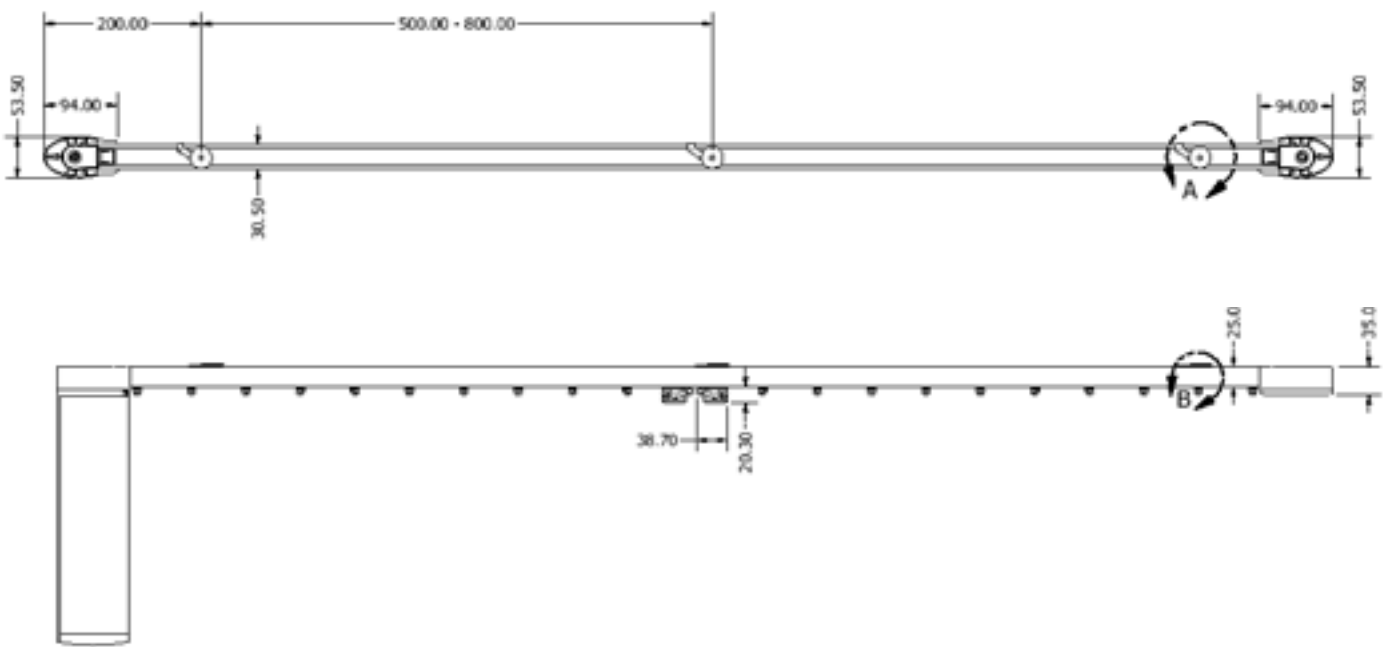
Traversing capacity for Flow™ systems

		Glydea WT	Glydea RTS	Irismo WF	Movelite WT	Movelite RTS	Movelite WF
Straight		60kg	60kg	45kg	35kg	35kg	35kg
Bend		45kg	45kg	30kg	20kg	20kg	20kg
Double Bend		35kg*	35kg*	20kg*	10kg*	10kg*	10kg*
Continuous Curve		35kg* (30kg on Split Draw)	35kg* (30kg on Split Draw)	20kg* (15kg on Split Draw)	10kg* (5kg on Split Draw)	10kg* (5kg on Split Draw)	10kg* (5kg on Split Draw)

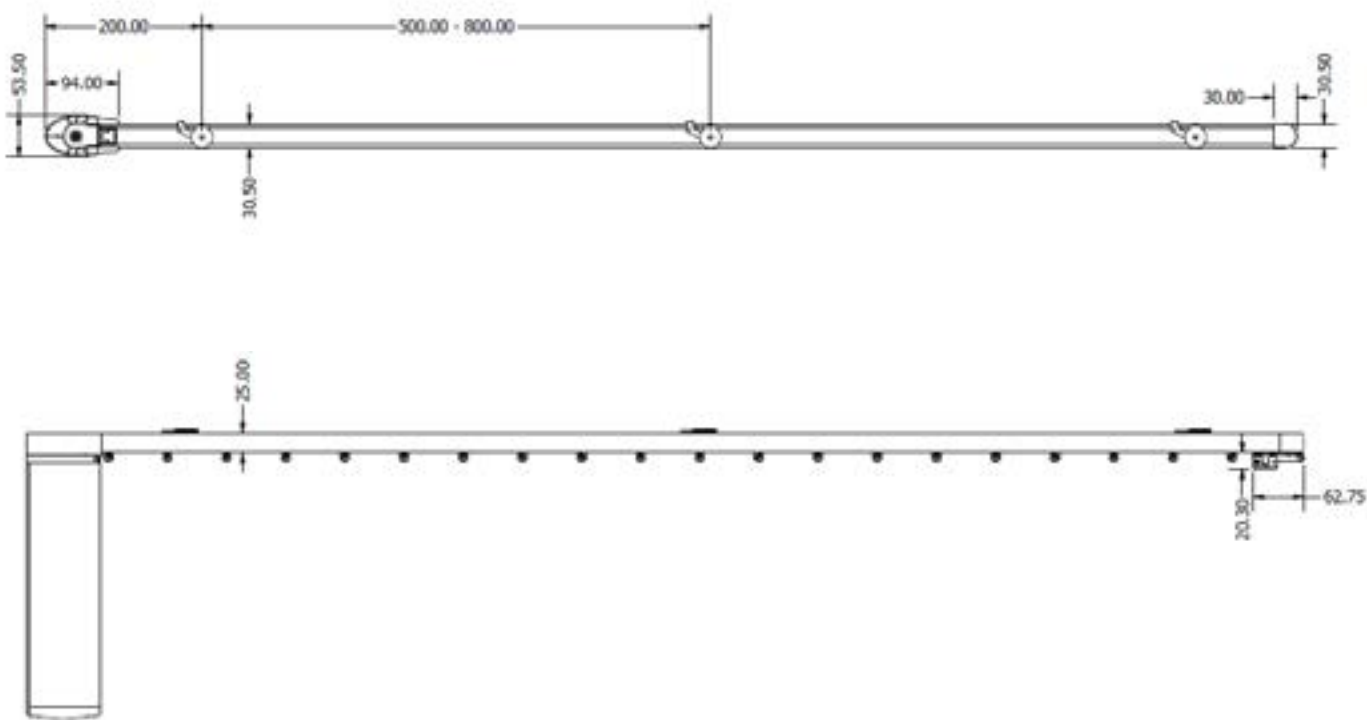
*Curtain weight limit capacity may be reduced on tracks over 6m in length. As an estimate, deduct 2.5kg from the maximum weight for every 1m of track added over 6m total.

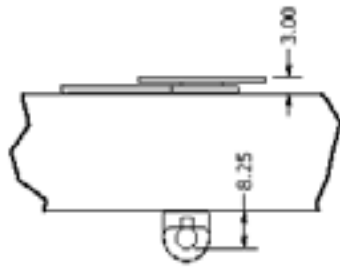
Track & Glider Dimensions

Split draw track

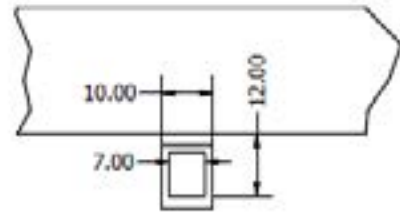


One-way track

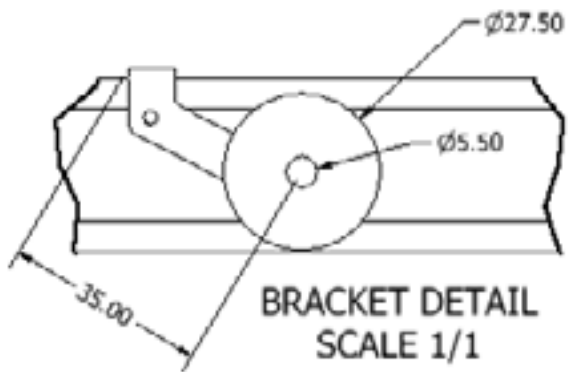




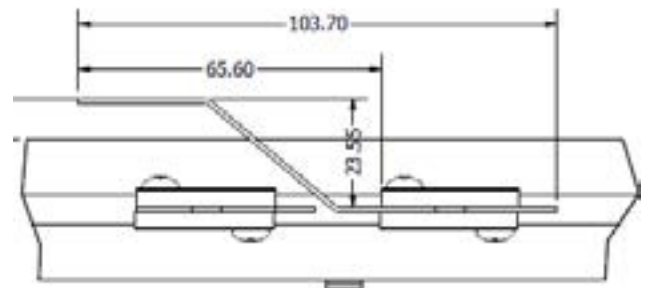
RIPPLE GLIDER DETAIL
SCALE 1/1



STANDARD GLIDER DETAIL
SCALE 1/1

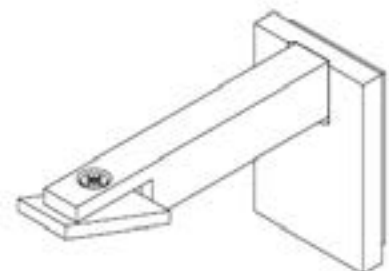
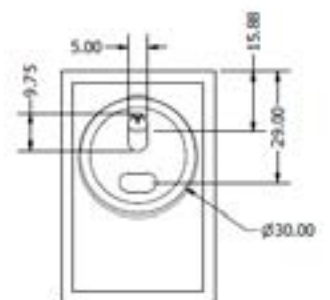
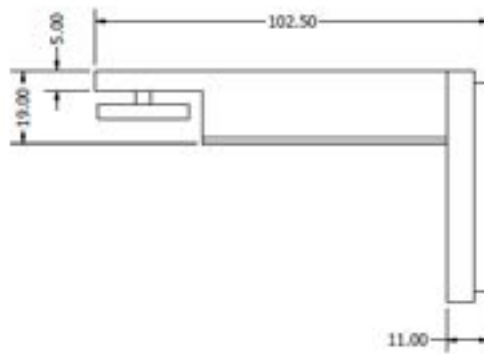
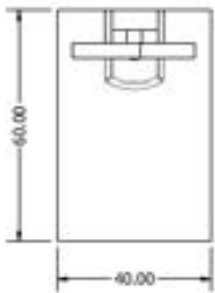


BRACKET DETAIL
SCALE 1/1

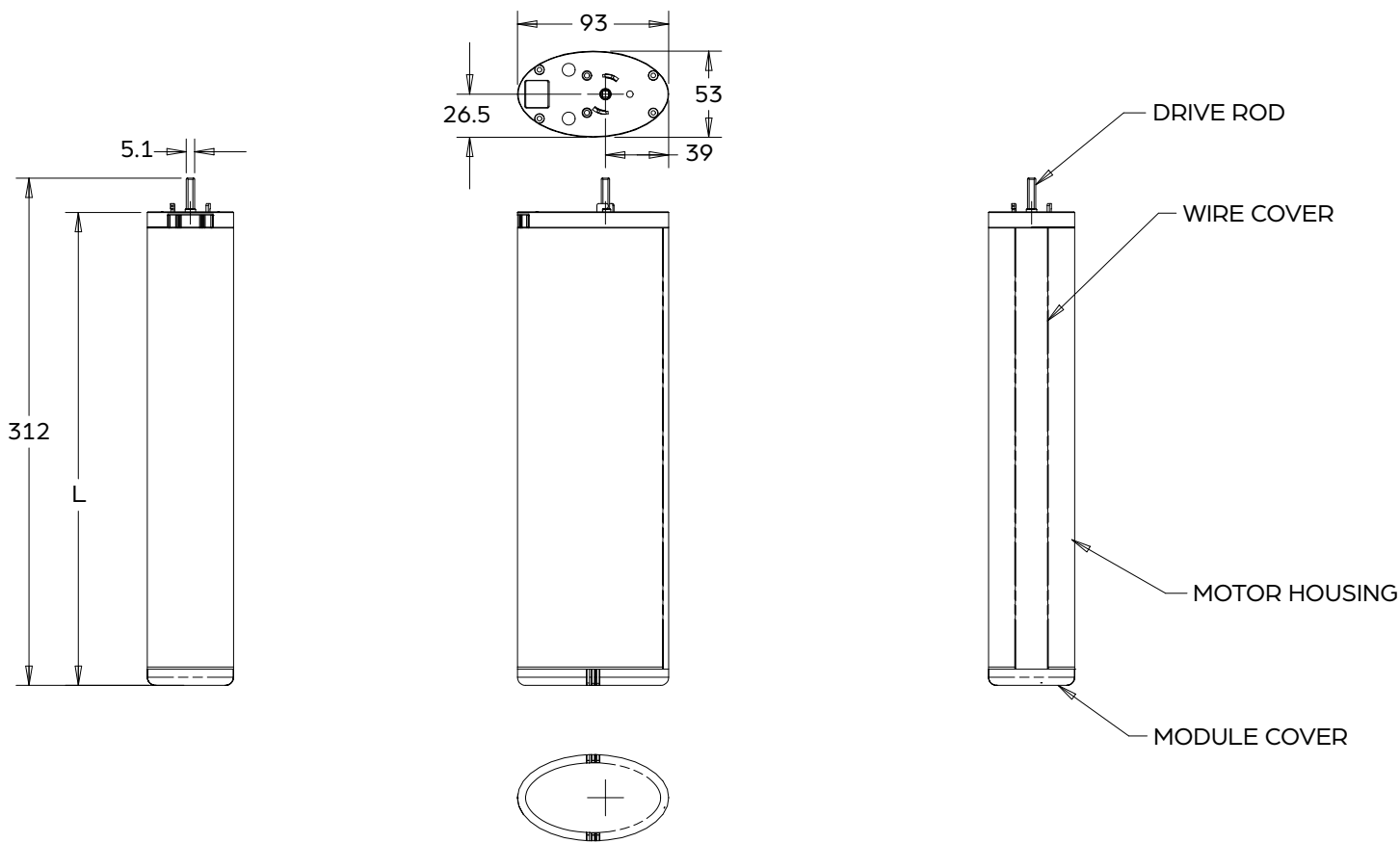


OVERLAP ARM DETAIL
SCALE 1/1

Face-fix Bracket Dimensions



Motor Dimensions (mm)



	Glydea WT	Glydea RTS	Irismo WF	Movelite WT	Movelite RTS	Movelite WF
L	330	330	308	260	260	280



Flow™ Motor Comparison Table

Technical Features	Motor Type					
	Glydea WT	Glydea RTS	Inismo WF RTS	MoveLite WT	MoveLite RTS	MoveLite WF RTS
Maximum Curtain Weight	60kg	60kg	45kg	35kg	35kg	35kg
Soft Start	Yes	Yes	Yes	No	Yes	Yes
Soft Stop	No	Yes	Yes	No	Yes	Yes
Pull To Start	No	Yes	Yes	No	Yes	Yes
Adjustable Limits	No	Yes	Yes	No	Yes	Yes
Speed Control & Adjustment	Yes	Yes	No	No	No	No
Voltage	240v	240v	Battery	240v	240v	Battery
Power Cable Number of Wires	4	5	Battery	4	5	Battery
Maximum Running Time (In 1 direction)	2min 30s	2min 30s	2min 30s	2min 30s	2min 30s	2min 30s
IP Index	50	50	50	50	50	50
Noise Level	37.3dB	37.3dB	39dB	40.6dB	40.6dB	41dB
Approx Motor Weight	1340g	1320g	883g	1120g	1000g	1024g
Charge Time (hour)	n/a	n/a	<4	n/a	n/a	<9
Hardwired Switch Control	Yes	No	No	Yes	No	No
Wireless RTS Switch Control	No	Yes	Yes	No	Yes	Yes
Wireless Remote Control	No	Yes	Yes	No	Yes	Yes
Sony Sunis Compatible	No	Yes	Yes	No	Yes	Yes