

# Glydea™ Databook



# Glydea™ Motor Range

This document presents the technical information and related accessories for Somfy's Glydea™ motor range designed specifically for draperies. It provides detailed information to facilitate the specification of this motor solution and presents information regarding options for specialty applications including bent and curved tracks.

## **Innovative**

The Glydea™ motor range is a product of years of industry experience and expertise. This reliable motor solution offers a superior user experience as well as a wide array of features and exemplifies Somfy's continued commitment to quality.

## **Competitive**

Designed for residential, commercial and hospitality markets, the Glydea™ range provides a convenient solution for glare reduction and privacy while also reducing energy costs and protecting interiors from damaging UV rays.

## **Adaptable**

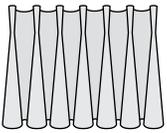
Glydea™ is available for all drapery types including pinch pleat, RippleFold® and Accordia®. Additionally, it has been designed to easily adapt to various control technologies including infrared, dry contact, Radio Technology Somfy® (RTS), RS485, Z-Wave® and ZigBee®.

Z-Wave® is a registered trademark of Zensys, Inc. and its subsidiaries. ZigBee® is a registered trademark of ZigBee® Alliance. RippleFold® and Accordia® are registered trademarks of Kirsch.

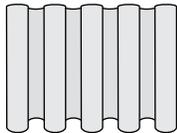


Somfy's Glydea™ motors are compatible with the three types of draperies below.

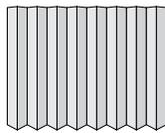
**Pinch Pleat**



**RippleFold®**



**Accordia®**



Plug-in modules offer simple compatibility with various technologies:



As with all Somfy products, Glydea™ motors are backed by a 5 year warranty.



# Glydea™, the difference is in the details

The sophistication of Glydea™ is reflected in the simple form and sleek lines of the motor and the track.



## Available Adaptable Control Modules



RTS Control Module



RS485 Control Module

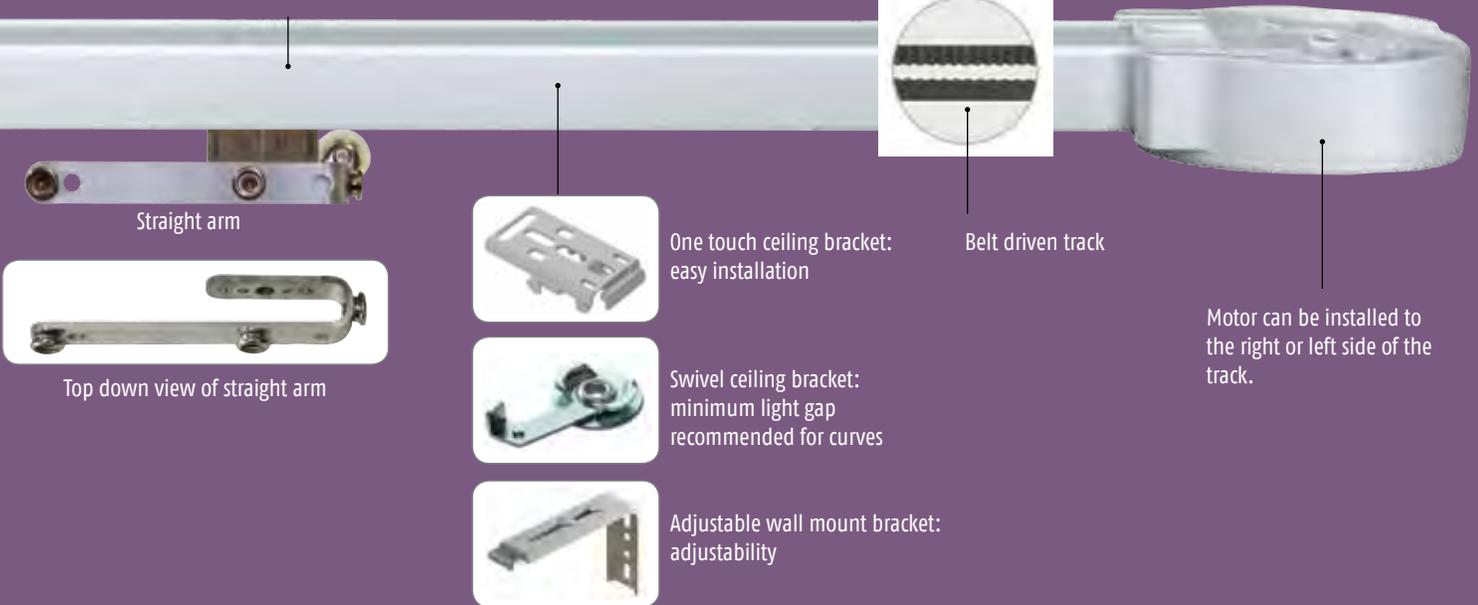


ZigBee® Control Module



Z-Wave® Control Module

Track bending and curving options available



Straight arm

Top down view of straight arm

One touch ceiling bracket:  
easy installation

Swivel ceiling bracket:  
minimum light gap  
recommended for curves

Adjustable wall mount bracket:  
adjustability

Belt driven track

Motor can be installed to  
the right or left side of the  
track.

### Aesthetic

- Patented control module cover design conceals unsightly cables and protects the connectors and control modules inside the motor.
- Automatic or adjustable limit setting.
- Track design and swivel ceiling bracket minimize the light gap.
- Soft start and soft stop.
- Back release function and rail design promote optimal stacking of drapery fabric (available with Glydea™ 35).
- Improved arm design provides even overlap and even stack back.

### Easy Installation

- Spring loaded one-touch hardware (wall and ceiling mount).
- Motor can also be installed to the right or to the left side of the track.
- Inverse (top mount) option allows the motor to be installed above the track.

### Flexibility

- Patented flexible master carrier reduces friction and is adaptable to various drapery types.
- Various control modules allow Glydea™ to easily adapt to third party control protocols.
- Curves and bends available.
- Exclusive cable cover allows you to reverse cable direction for easier access to power.

### Efficient

- **Touch Motion** feature allows the user to activate the motorized drapery simply by pulling on the fabric. Two sensitivity settings available (Glydea™ 60e only).
- **Manual Override** disengages the motor when drapery is adjusted manually. This is ideal for power outages and also protects the fabric from damage.
- **My Function** allows user to set a preferred drapery openness position for easy access (Glydea™ 60e only).
- **Adjustable speed:** 4.9"/s to 7.86"/s (Glydea™ 60e only).

### Quiet

- Motor design and the use of a timing belt provides quiet operation (<44dBA).

### Glydea™, Somfy quality

5 years international warranty.  
International certifications.



# Technical Specifications Glydea™ 35

## Motor part numbers

Glydea™ 35 DCT motor (with 10' cable and molded NEMA plug)	Part# DSF1001536
Glydea™ 35 RTS motor (with 10' cable and molded NEMA plug)	Part# DSF1001615
Glydea™ 35 RS485 motor (with 10' cable and molded NEMA plug)	Part# DSF1002109

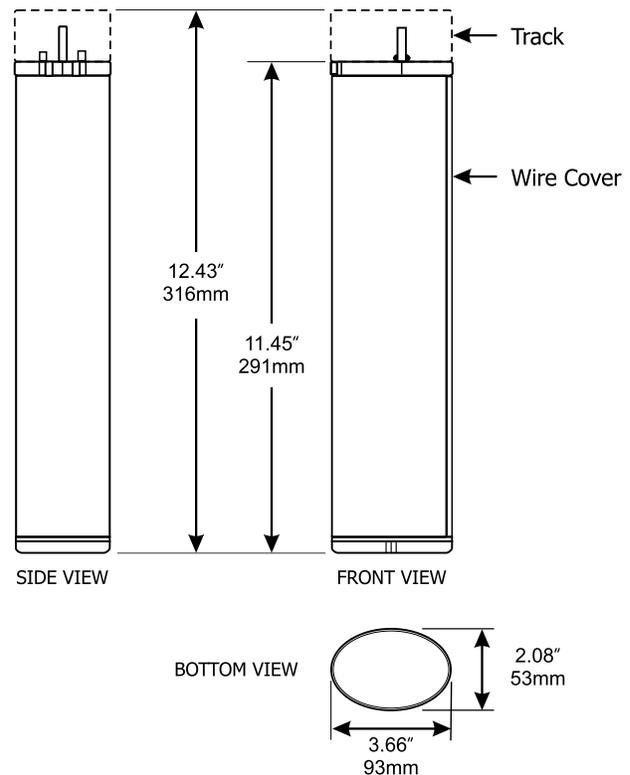
## Features overview

Glydea™ 35	
<b>Motor unit main features</b>	
Soft start	✓
Manual operation	✓
Automatic limits on end stop	✓
Back Release	✓
Soft stop	
Intermediate position	
Touch motion with 2 sensitivity settings	
Adjustable limits	
Speed control & adjustment	
<b>Control options</b>	
3 normally open dry contacts	✓
2 normally open dry contacts	✓
2 normally open dry contact sequencing mode	✓
Dry contact individual and group & master control	✓
Radio Technology Somfy® RTS	✓
Infrared	✓
RS485 digital technology	✓
Z-Wave®	✓
ZigBee®	✓
Sun control	✓
Timer control	✓
<b>Installation and setting features</b>	
Setting with buttons on motor unit	✓
Setting with external 3 normally open dry contact switch	✓
LED indicators	✓
Motor unit direction change	✓
Factory reset	✓
Inverse (top mount) mounting	✓
<b>Tracks / Draperies types</b>	
Side opening	✓
Center opening	✓
Asymmetric	✓
Multiple	✓
Pinch pleat	✓
RippleFold® with overlap arm	✓
RippleFold® with butt arm	✓
Accordia®	✓

## Motorized track main characteristics

	Glydea™ 35
Power supply	110V AC 50/60 HZ
Amperage	0.5 A
Average linear speed	7.86"/s
Power consumption	60 W
Power cable type	3-wire cable with molded NEMA plug
Control connector type	RJ12
DCT control circuit voltage	3.3 VDC
Motorized track noise level	< 50 dB(A)
Certifications	c TUV us, CE
Track maximum length	30 ft (9 m)
Maximum number of splices	2
Minimum bending radius	11.8 in. (30 cm)
Minimum curving radius	118 in. (300 cm)
Side opening max weight	77 lbs. 35 kg.
Center opening max weight	77 lbs. 35 kg.

## Motor dimensions



# Technical Specifications Glydea™ 60e

## Motor part numbers

Glydea™ 60e DCT motor (with 10' cable and molded NEMA plug)	Part# DSF1001538
Glydea™ 60e RTS motor (with 10' cable and molded NEMA plug)	Part# DSF1001617
Glydea™ 60e RS485 motor (with 10' cable and molded NEMA plug)	Part# DSF1002108
Glydea™ 60e Wired motor (with 5', 4 wire pigtail)	Part# DSF1001537

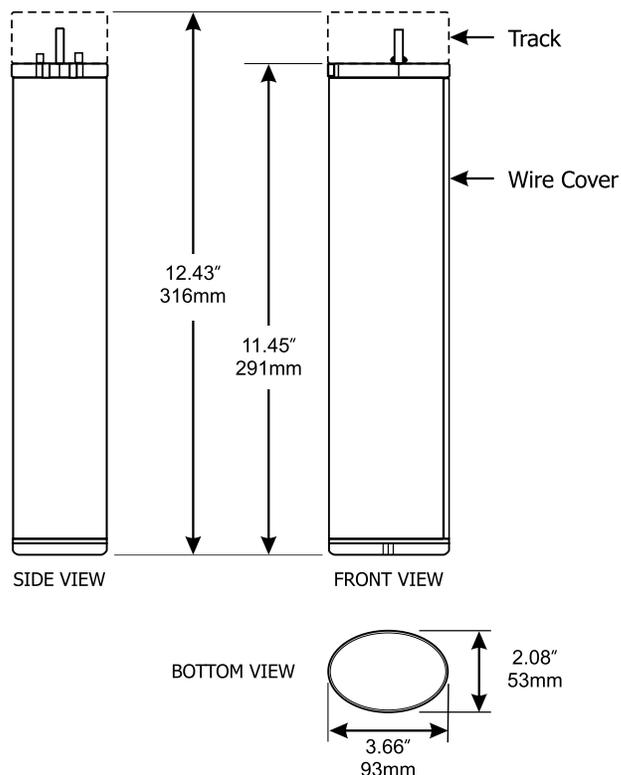
## Features overview

	Glydea™ 60e
<b>Motor unit main features</b>	
Soft start	✓
Manual operation	✓
Automatic limits on end stop	✓
Back Release	
Soft stop	✓
Intermediate position	✓
Touch motion with 2 sensitivity settings	✓
Adjustable limits	✓
Speed control & adjustment	✓
<b>Control options</b>	
3 normally open dry contacts	✓
2 normally open dry contacts	✓
2 normally open dry contact sequencing mode	✓
Dry contact individual and group & master control	✓
Radio Technology Somfy® RTS	✓
Infrared	✓
RS485 digital technology	✓
Z-Wave®	✓
ZigBee®	✓
Tandem	Contact Brimar
Sun control	✓
Timer control	✓
<b>Installation and setting features</b>	
Setting with buttons on motor unit	✓
Setting with external 3 normally open dry contact switch	✓
LED indicators	✓
Motor unit direction change	✓
Factory reset	✓
Inverse (top mount) mounting	✓
<b>Tracks / Draperies types</b>	
Side opening	✓
Center opening	✓
Asymmetric	✓
Multiple	✓
Pinch pleat	✓
RippleFold® with overlap arm	✓
RippleFold® with butt arm	✓
Accordia®	✓

## Motorized track main characteristics

	Glydea™ 60e
Power supply	110V AC 50/60 HZ
Amperage	1A
Average linear speed	4.9"/s to 7.86"/s
Power consumption	120 W
Power cable type	3-wire cable with molded NEMA plug 4-wire cable (wired version only)
Control connector type	RJ12
DCT control circuit voltage	3.3 VDC
Motorized track noise level	<44 dB(A)
Certifications	c TUV us, CE
Track maximum length	36 ft (10.9 m)
Maximum number of splices	2
Minimum bending radius	11.8 in. (30 cm)
Minimum curving radius	118 in. (300 cm)
Side opening max weight	132 lbs. 59 kg.
Center opening max weight	132 lbs. 59 kg.
Tandem max weight	Contact Brimar

## Motor dimensions

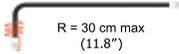
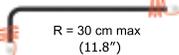
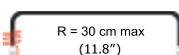
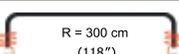
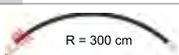
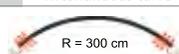


# Technical Specifications

## COMPARISON CHART

	Motor Type	
	Glydea™ 35	Glydea™ 60e
<b>Motor unit main features</b>		
Soft start	✓	✓
Manual operation	✓	✓
Automatic limits on end stop	✓	✓
Back Release	✓	
Soft stop		✓
Intermediate position		✓
Touch motion with 2 sensitivity settings		✓
Adjustable limits		✓
Speed control & adjustment		✓
<b>Control options</b>		
3 normally open dry contacts	✓	✓
2 normally open dry contacts	✓	✓
2 normally open dry contact sequencing mode	✓	✓
Dry contact individual and group & master control	✓	✓
Radio Technology Somfy® RTS	✓	✓
Infrared	✓	✓
RS485 digital technology	✓	✓
Z-Wave®	✓	✓
ZigBee®	✓	✓
Tandem	NA	Contact Brimar
Sun control	✓	✓
Timer control	✓	✓
<b>Installation and setting features</b>		
Setting with buttons on motor unit	✓	✓
Setting with external 3 normally open dry contact switch	✓	✓
LED indicators	✓	✓
Motor unit direction change	✓	✓
Factory reset	✓	✓
Inverse (top mount) mounting	✓	✓
<b>Tracks / Draperies types</b>		
Side opening	✓	✓
Center opening	✓	✓
Asymmetric	✓	✓
Multiple	✓	✓
Pinch pleat	✓	✓
RippleFold® with overlap arm	✓	✓
RippleFold® with butt arm	✓	✓
Accordia®	✓	✓

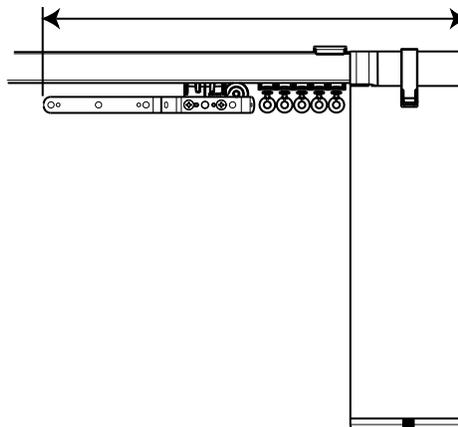
## SELECTION CHART

Track Type	Motor Type					
	Glydea™ 35			Glydea™ 60e		
	Up to 10 Ft.	Up to 20 Ft.	Up to 32 Ft.	Up to 10 Ft.	Up to 32 Ft.	Up to 36 Ft.
<b>A</b> One Way 	77 Lbs.	77 Lbs.	77 Lbs.	132 Lbs.	132 Lbs.	132 Lbs.
<b>B</b> Center Opening 	77 Lbs.	77 Lbs.	77 Lbs.	132 Lbs.	132 Lbs.	132 Lbs.
<b>C</b> Asymetrical 	77 Lbs.	77 Lbs.	77 Lbs.	132 Lbs.	132 Lbs.	132 Lbs.
<b>D</b> One Way w/Bend  R = 30 cm max (11.8")	77 Lbs.	55 Lbs.	44 Lbs.	100 Lbs.	100 Lbs.	77 Lbs.
<b>E</b> Center Opening w/Bend  R = 30 cm max (11.8")	77 Lbs.	55 Lbs.	44 Lbs.	100 Lbs.	100 Lbs.	77 Lbs.
<b>F</b> One Way w/2 Bends  R = 30 cm max (11.8")	33 Lbs.	22 Lbs.	-	77 Lbs.	55 Lbs.	-
<b>G</b> Center Opening w/2 Bends  R = 300 cm (118")	33 Lbs.	22 Lbs.	-	77 Lbs.	55 Lbs.	-
<b>H</b> One Way w/Continuous Curve  R = 300 cm (118")	77 Lbs.	33 Lbs.	-	77 Lbs.	55 Lbs.	-
<b>I</b> Center Opening w/Continuous Curve  R = 300 cm (118")	66 Lbs.	22 Lbs.	-	66 Lbs.	44 Lbs.	-

**\*STACKING CHART - FOR REFERENCE ONLY**

TRACK SIZES	PINCH PLEAT - inches carrier count - ( )			RIPPLEFOLD® - inches carrier count - ( )								
	ONE WAY	CENTER OPENING		ONE WAY 80%	ONE WAY 100%	ONE WAY 120%	CENTER OPENING 80%		CENTER OPENING 100%		CENTER OPENING 120%	
	Overlap Arm	Overlap Arm	Straight Arm	Overlap Arm	Overlap Arm	Overlap Arm	Overlap Arm	Straight Arm	Overlap Arm	Straight Arm	Overlap Arm	Straight Arm
Up to 4 ft.	17.25 (12)	11.5 (6)	11.5 (6)	21.25 (20)	23.25 (24)	25.25 (28)	13.5 (10)	13.5 (10)	14.5 (12)	14.5 (12)	15.75 (14)	15.75 (14)
5 ft.	18.75 (15)	12.5 (8)	12.5 (8)	23.75 (25)	26.25 (30)	28.75 (35)	15 (13)	15 (13)	16 (15)	16 (15)	17.75 (18)	17.75 (18)
6 ft.	20.25 (18)	13 (9)	13 (9)	26.25 (30)	29.25 (36)	32.25 (42)	16 (15)	16 (15)	17.5 (18)	17.5 (18)	19.25 (21)	19.25 (21)
7 ft.	21.75 (21)	14 (11)	14 (11)	28.75 (35)	32.25 (42)	35.75 (49)	17.5 (18)	17.5 (18)	19 (21)	19 (21)	21.25 (25)	21.25 (25)
8 ft.	23.25 (24)	14.5 (12)	14.5 (12)	31.25 (40)	35.25 (48)	39.25 (56)	18.5 (20)	18.5 (20)	20.5 (24)	20.5 (24)	22.75 (28)	22.75 (28)
9 ft.	24.75 (27)	15.5 (14)	15.5 (14)	33.75 (45)	38.25 (54)	42.75 (63)	20 (23)	20 (23)	22 (26)	22 (26)	24.75 (32)	24.75 (32)
10 ft.	26.25 (30)	16 (15)	16 (15)	36.25 (50)	41.25 (60)	46.25 (70)	21 (25)	21 (25)	23.5 (30)	23.5 (30)	26 (35)	26 (35)
11 ft.	27.75 (33)	17 (17)	17 (17)	38.75 (55)	44.25 (66)	49.75 (77)	22.5 (28)	22.5 (28)	25 (33)	25 (33)	28 (39)	28 (39)
12 ft.	29.25 (36)	17.5 (18)	17.5 (18)	41.25 (60)	47.25 (72)	53.25 (84)	23.5 (30)	23.5 (30)	26.5 (36)	26.5 (36)	29.5 (42)	29.5 (42)
13 ft.	30.75 (39)	18.5 (20)	18.5 (20)	43.75 (65)	50.25 (78)	56.75 (91)	25 (33)	25 (33)	28 (39)	28 (39)	31.5 (46)	31.5 (46)
14 ft.	32.25 (42)	19 (21)	19 (21)	46.25 (70)	53.25 (84)	60.25 (98)	26 (35)	26 (35)	29.5 (42)	29.5 (42)	33 (49)	33 (49)
15 ft.	33.75 (45)	20 (23)	20 (23)	48.75 (75)	56.25 (90)	63.75 (105)	27.5 (38)	27.5 (38)	31 (45)	31 (45)	35 (53)	35 (53)
16 ft.	35.25 (48)	20.5 (24)	20.5 (24)	51.25 (80)	59.25 (96)	67.25 (112)	28.5 (40)	28.5 (40)	32.5 (48)	32.5 (48)	36.5 (56)	36.5 (56)
17 ft.	36.75 (51)	21.5 (26)	21.5 (26)	53.75 (85)	62.25 (102)	70.75 (119)	30 (43)	30 (43)	34 (51)	34 (51)	38.5 (60)	38.5 (60)
18 ft.	38.25 (54)	22 (27)	22 (27)	56.25 (90)	65.25 (108)	74.25 (126)	31 (45)	31 (45)	35.5 (54)	35.5 (54)	40 (63)	40 (63)
19 ft.	39.75 (57)	23 (29)	23 (29)	58.75 (95)	68.25 (114)	77.75 (133)	32.5 (48)	32.5 (48)	37 (57)	37 (57)	42 (67)	42 (67)
20 ft.	41.25 (60)	23.5 (30)	23.5 (30)	61.25 (100)	71.25 (120)	81.25 (140)	33.5 (50)	33.5 (50)	38.5 (60)	38.5 (60)	43.5 (70)	43.5 (70)
21 ft.	42.75 (63)	24.5 (32)	24.5 (32)	63.75 (105)	74.25 (126)	84.75 (147)	35 (53)	35 (53)	40 (63)	40 (63)	45.5 (74)	45.5 (74)
22 ft.	44.25 (66)	25 (33)	25 (33)	66.25 (110)	77.25 (132)	88.25 (154)	36 (55)	36 (55)	41.5 (66)	41.5 (66)	47 (77)	47 (77)
23 ft.	45.75 (69)	26 (35)	26 (35)	68.75 (115)	80.25 (138)	91.75 (161)	37.5 (58)	37.5 (58)	43 (69)	43 (69)	49 (81)	49 (81)
24 ft.	47.25 (72)	26.5 (36)	26.5 (36)	71.25 (120)	83.25 (144)	95.25 (168)	38.5 (60)	38.5 (60)	44.5 (72)	44.5 (72)	50.5 (84)	50.5 (84)
25 ft.	48.75 (75)	27.5 (38)	27.5 (38)	73.75 (125)	86.25 (150)	98.75 (175)	40 (63)	40 (63)	4 (75)	4 (75)	52.5 (88)	52.5 (88)
26 ft.	50.25 (78)	28 (39)	28 (39)	76.25 (130)	89.25 (156)	102.25 (182)	41 (65)	41 (65)	47.5 (78)	47.5 (78)	54 (91)	54 (91)
27 ft.	51.75 (81)	29 (41)	29 (41)	78.75 (135)	92.25 (162)	105.75 (189)	42.5 (68)	42.5 (68)	49 (81)	49 (81)	56 (95)	56 (95)
28 ft.	53.25 (84)	29.5 (42)	29.5 (42)	81.25 (140)	95.25 (168)	109.25 (196)	43.5 (70)	43.5 (70)	50.5 (84)	50.5 (84)	57.5 (98)	57.5 (98)
29 ft.	54.75 (87)	30.5 (44)	30.5 (44)	83.75 (145)	98.25 (174)	112.75 (203)	45 (73)	45 (73)	52 (87)	52 (87)	59.5 (102)	59.5 (102)
30 ft.	56.25 (90)	31 (45)	31 (45)	86.25 (150)	101.25 (180)	116.25 (210)	46 (75)	46 (75)	53.5 (90)	53.5 (90)	61 (105)	61 (105)
31 ft.	57.75 (93)	32 (47)	32 (47)	88.75 (155)	104.25 (186)	119.75 (217)	47.5 (78)	47.5 (78)	55 (93)	55 (93)	63 (108)	63 (108)
32 ft.	59.25 (96)	32.5 (48)	32.5 (48)	91.25 (160)	107.25 (192)	123.25 (224)	48.5 (80)	48.5 (80)	56.5 (96)	56.5 (96)	64.5 (112)	64.5 (112)
33 ft.	60.75 (99)	33.5 (50)	33.5 (50)	93.75 (165)	110.25 (198)	126.75 (231)	50 (83)	50 (83)	58 (99)	58 (99)	66.5 (116)	66.5 (116)
34 ft.	62.25 (102)	34 (51)	34 (51)	96.25 (170)	113.25 (204)	130.25 (238)	51 (85)	51 (85)	59.5 (102)	59.5 (102)	68 (118)	68 (118)
35 ft.	63.75 (105)	35 (53)	35 (53)	98.75 (175)	116.25 (210)	133.75 (245)	52.5 (86)	52.5 (86)	61 (105)	61 (105)	70 (123)	70 (123)
36 ft.	65.25 (108)	35.5 (54)	35.5 (54)	101.25 (180)	119.25 (216)	137.25 (252)	53.5 (90)	53.5 (90)	62.5 (108)	62.5 (108)	71.5 (126)	71.5 (126)

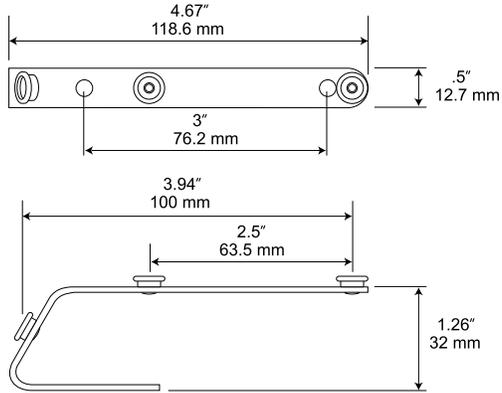
\* Measurements do not consider drapery fabric and are calculated from end of pulley to front of master arm (shown here).



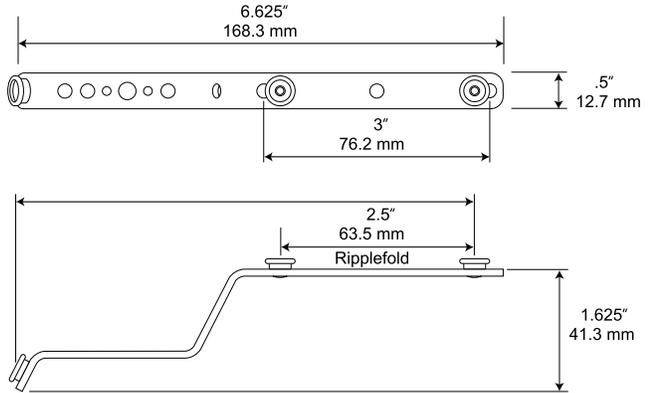
# Product Specifications

## CARRIER ARM DIMENSIONS

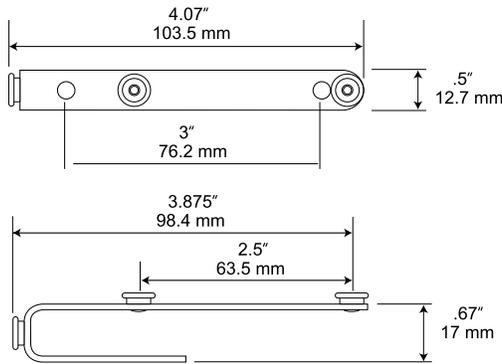
**Overlap Arm Kit- DSF1782320**



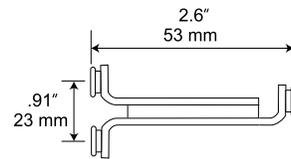
**One Way Overlap Arm Kit- DSF1780947**



**Straight Arm Kit- DSF1782321**

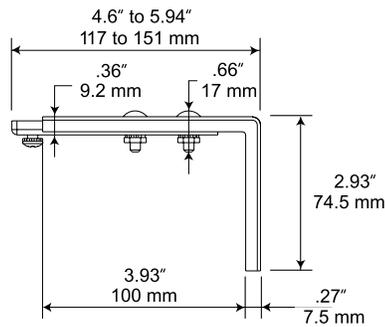
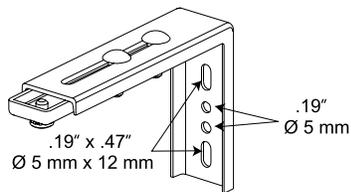


**Butt Master Arm - DSF1780953**

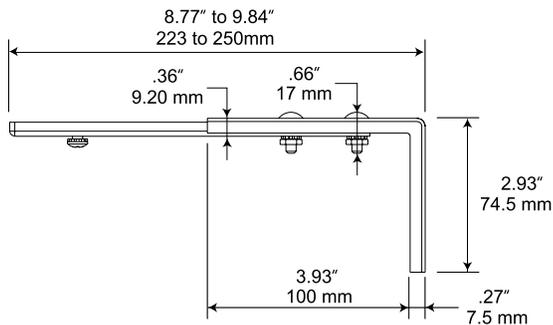
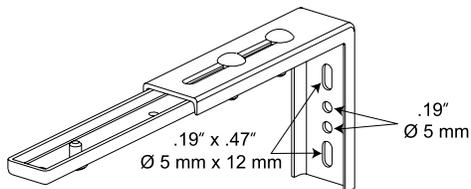


## WALL BRACKET DIMENSIONS

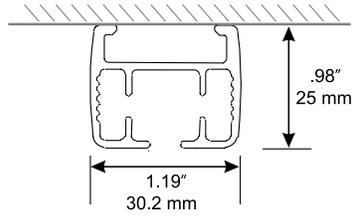
**Adjustable Wall Mount Bracket - DSF1780909**



**Double Adjustable Wall Mount Bracket - DSF1780910**

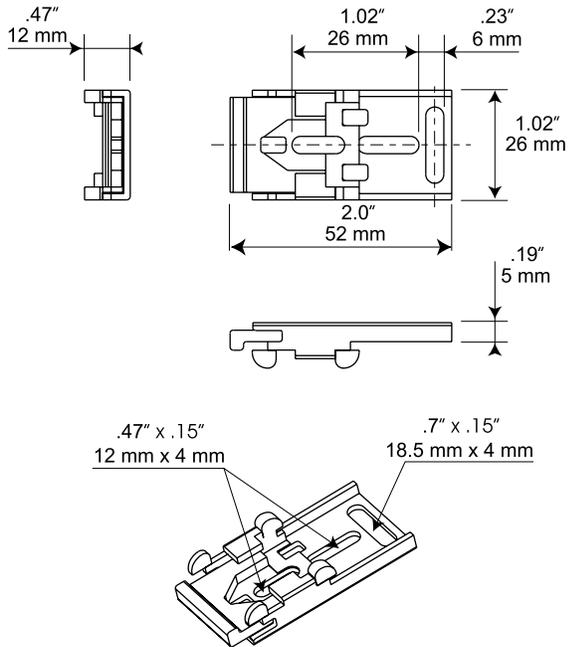


## TRACK PROFILE

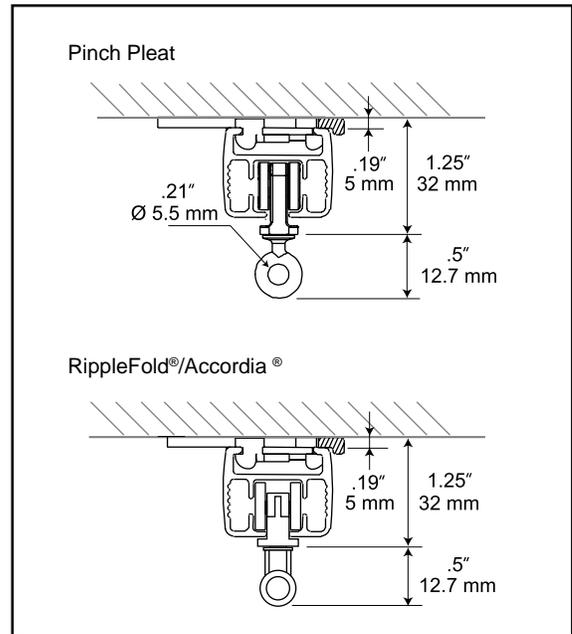


## CEILING BRACKET DIMENSIONS

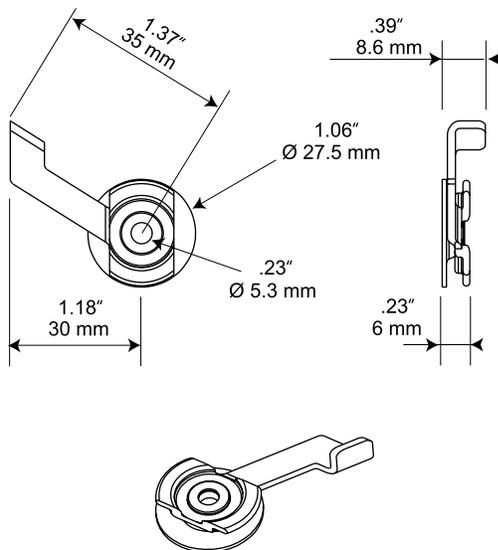
### One Touch Ceiling Bracket - DSF1780907



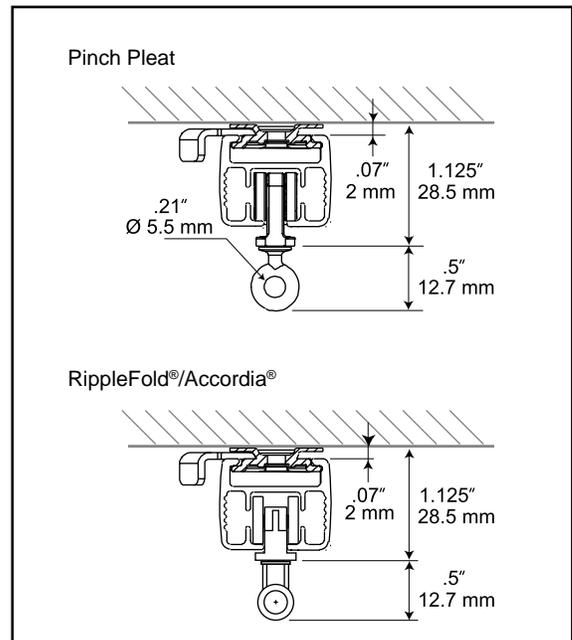
### Carriers



### Swivel Ceiling Bracket - DSF1780906



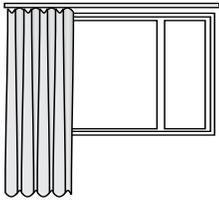
### Carriers



# Track Configurations

## RIPPLEFOLD®

### One Way Stacked Left

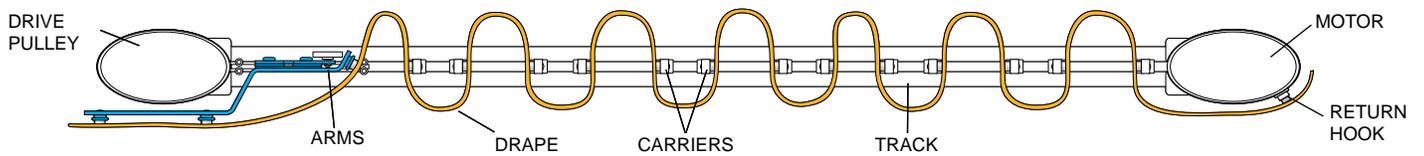


#### REQUIRED ARMS

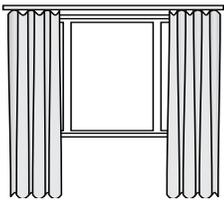


One Way Overlap Arm Kit - DSF1780947

Bottom up view of track and drape assembly



### Center Opening

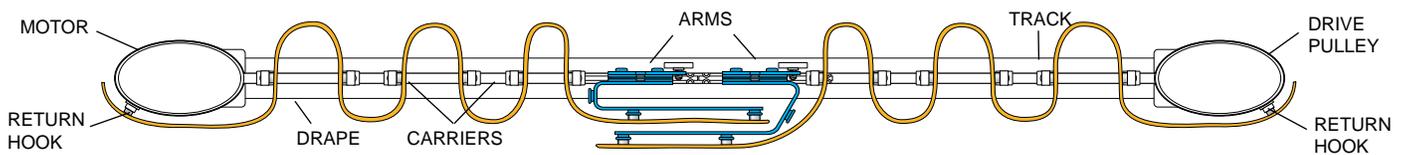


#### REQUIRED ARMS

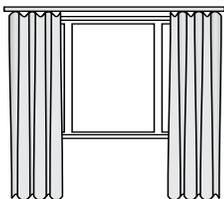


Straight Arm Kit - DSF1782321  
&  
Overlap Arm Kit - DSF1782320

Bottom up view of track and drape assembly



### Center Opening with Butt Master Arms

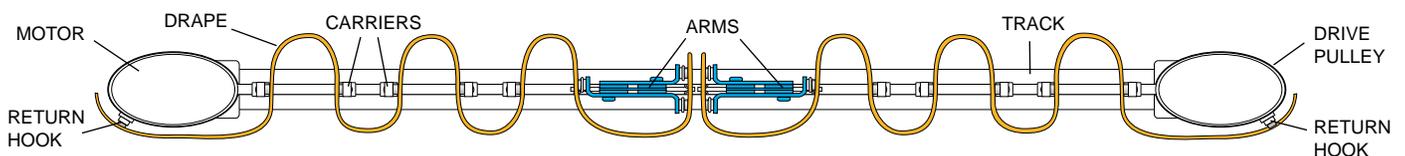


#### REQUIRED ARMS



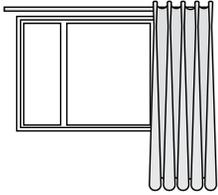
Butt Master Arms - DSF1780953

Bottom up view of track and drape assembly



# PINCH PLEAT

## One Way Stacked Right

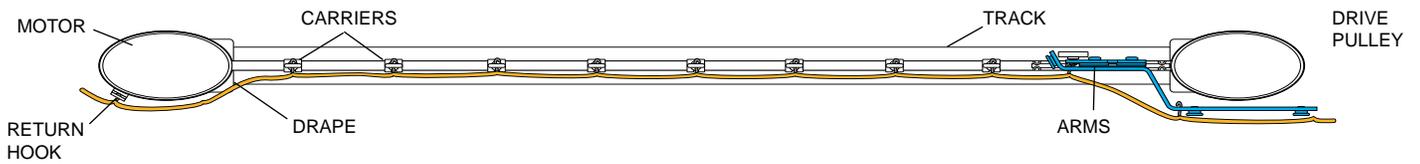


### REQUIRED ARMS

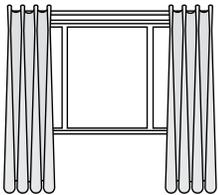


One Way Overlap Arm Kit - DSF1780947

Bottom up view of track and drape assembly



## Center Opening

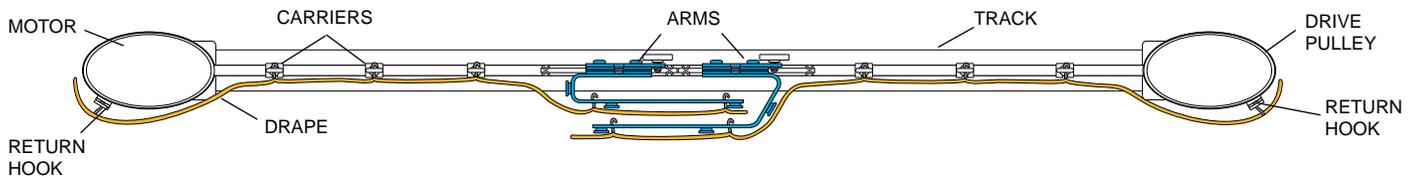


### REQUIRED ARMS



Straight Arm Kit - DSF1782321  
&  
Overlap Arm Kit - DSF1782320

Bottom up view of track and drape assembly



# Glydea™ Controls and Accessories



## RADIO TECHNOLOGY SOMFY® (RTS)

### TELIS HAND-HELD REMOTE COLLECTION



Telis 1 RTS Pure  
Single Channel Remote  
DSF1810632



Telis 4 RTS Pure  
Five Channel Remote  
DSF1810633



Telis 1 RTS Silver  
Single Channel Remote  
DSF1810639



Telis 4 RTS Silver  
Five Channel Remote  
DSF1810641



Telis 1 RTS Lounge  
Single Channel Remote  
DSF1810650



Telis 4 RTS Lounge  
Five Channel Remote  
DSF1810652



Telis 1 RTS Patio  
Single Channel Remote  
DSF1810643



Telis 4 RTS Patio  
Five Channel Remote  
DSF1810645



Telis 16 Channel RTS Pure  
Remotes w/ On-screen display  
DSF1811081



Telis 16 Channel RTS Silver  
Remotes w/ On-screen display  
DSF1811082

### 16 CHANNEL INTERFACE

### RTS REPEATER

### CHRONIS COMFORT TIMER

### INDOOR SENSORS



Universal RTS Interface 16-Channel  
(Converts IR, RS232, RS485 to RTS)  
DSF1810872



RTS Repeater  
DSF1810791



Chronis Comfort RTS  
24 hr./7 day WireFree™ Timer  
DSF1805176



Sunis Indoor  
WireFree™ RTS  
DSF9013707



Thermo Sunis Indoor  
WireFree™ RTS  
DSF9013708

### DECOFLEX WIREFREE™ RTS TABLE TOP ACCESSORIES



DecoFlex WireFree™ RTS  
Table Top Accessory Black  
DSF1811051\*



DecoFlex WireFree™ RTS  
Table Top Accessory Silver  
DSF1810972\*



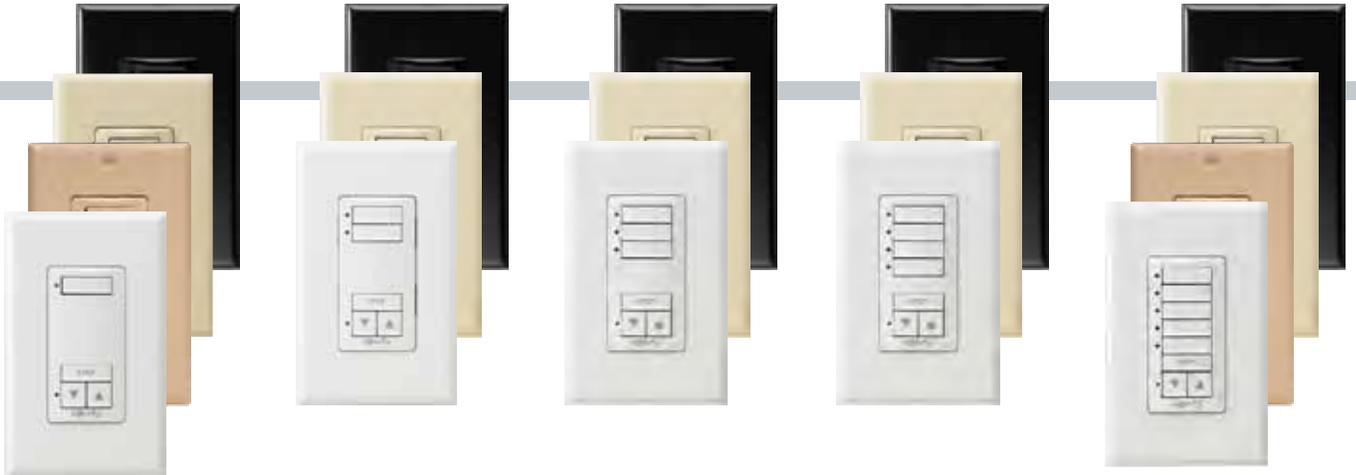
DecoFlex WireFree™ RTS  
Table Top Accessory White  
DSF1811185\*

\*DecoFlex Switch sold separately from Table Top Accessory.

**RADIO TECHNOLOGY SOMFY® (RTS)**



DECOFLEX WIREFREE™ WALL SWITCHES – Custom engraved buttons are now available.



1 Channel White DSF1810897  
 1 Channel Ivory DSF1810898  
 1 Channel Almond DSF1811180  
 1 Channel Black DSF1810899

2 Channel White DSF18110682  
 Channel Ivory DSF18110692  
 Channel Black DSF1811067

3 Channel White DSF18110713  
 Channel Ivory DSF18110723  
 Channel Black DSF1811070

4 Channel White DSF18110744  
 Channel Ivory DSF18110754  
 Channel Black DSF1811073

5 Channel White DSF1810813  
 5 Channel Ivory DSF1810814  
 5 Channel Almond DSF1811181  
 5 Channel Black DSF1810830

Wall Switches shown in white. Also available in black, ivory, and almond finishes. Shown above assembled with printed channel buttons.



BLACK



IVORY



ALMOND (1 & 5 channel only)

**WIRED TECHNOLOGY**



**DRY CONTACT SWITCH**

**DECORATOR PADDLE SWITCH**  
 For use with Glydea 60e wired motors only (1001537)



White  
 DSF1800219



Ivory  
 DSF1800220



Maintained White  
 DSF1800374  
 Maintained White  
 Double Pole, Double Throw  
 DSF1800375



Maintained Ivory  
 DSF1800373  
 Maintained Ivory  
 Double Pole, Double Throw  
 DSF1800376

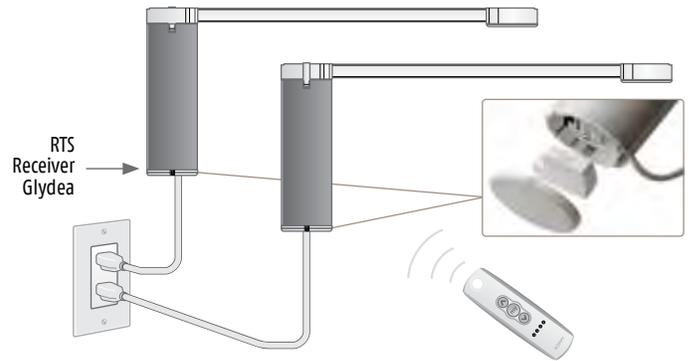
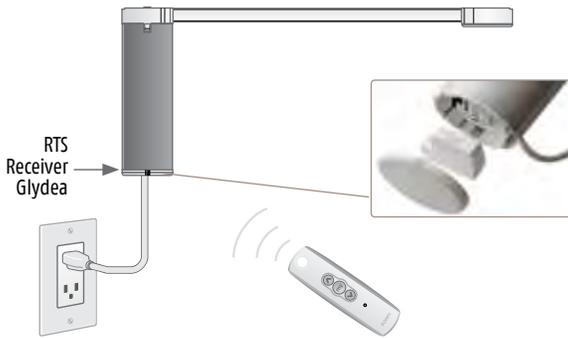
# Glydea™ Wiring Examples



## GLYDEA™ RTS RADIO CONTROL

**Individual control with Telis RTS remote and/or DecoFlex WireFree™ RTS wall switch**  
(Glydea™ DCT motor + RTS receiver)

**Group and individual control with 4 channel Telis RTS remote and/or DecoFlex WireFree™ RTS wall switch.**  
(Glydea™ DCT motors + RTS receiver)



## GLYDEA™ DCT CONTROL



The Dry Contact Control can be done through devices with 2 normally open contacts (open, close) or 3 normally open contacts (open, stop, close). For devices using 2 contacts, the stop command is achieved by closing the open and close contacts. For 3 devices, the stop can also be achieved with a specific stop button. Individual, group and master DCT controls can be achieved using a DCT Splitter and a Diode boxes as shown below.

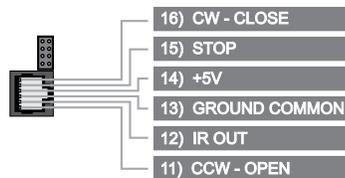
**NUMBER OF GLYDEA™ DCT AND LENGTH OF CONTROL LIMITATIONS**

WIRE CROSS-SECTION	MAXIMUM LENGTH OF CABLE	MAXIMUM NUMBER OF MOTORS
Cat5 or Equal	100 m (328')	10
0.75 mm <sup>2</sup>	200 m (656')	20

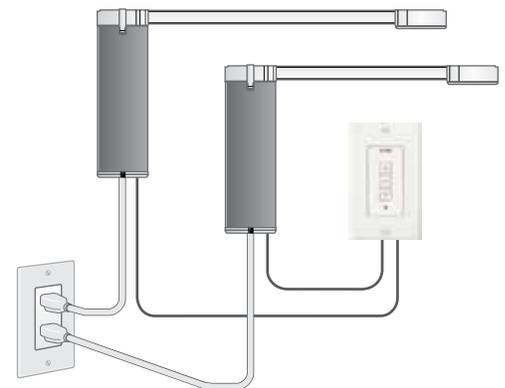
### Individual control



### RJ12 SOCKET PIN OUT



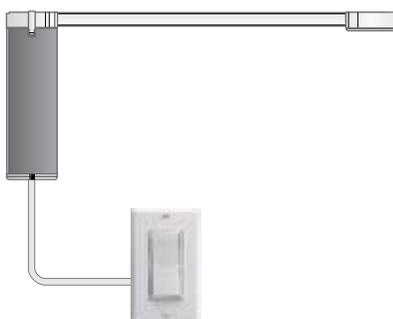
### Group control



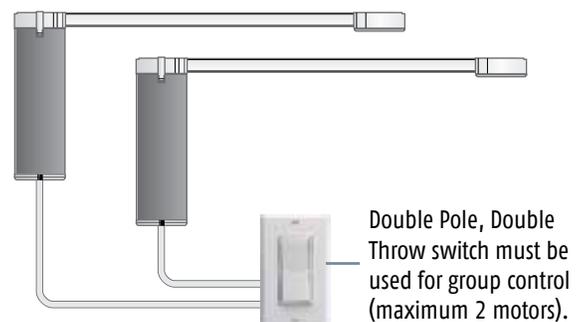
## GLYDEA™ WIRED CONTROL



### Individual control



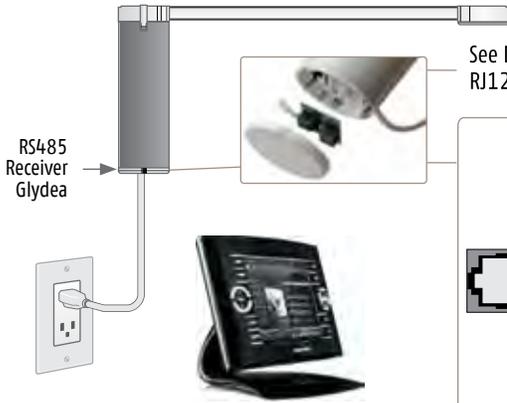
### Group control



**NOTE: Examples are for illustrative purposes. Additional components may be needed depending on your installation.**

**GLYDEA™ RS485 CONTROL**

**Individual control**

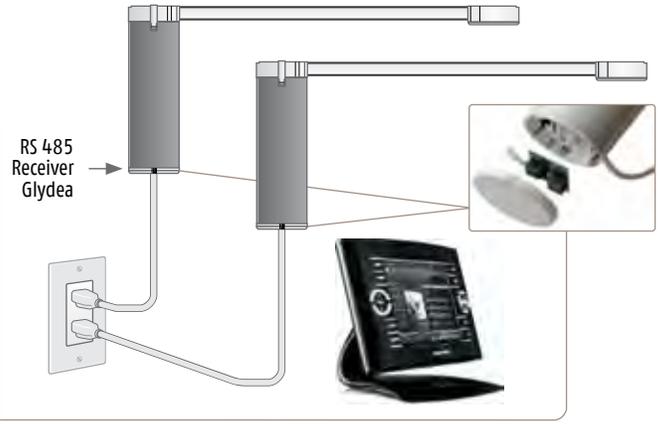


See Diagram above for RJ12 Socket Pin Out

**SDN Pin Out (RS485)**

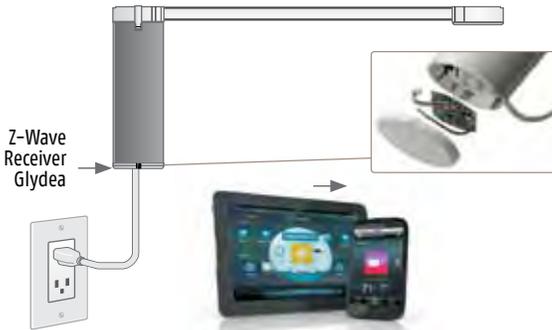
- Pin 1 - RS485 A
- Pin 2 - RS485 B
- Pin 3 - Not connected
- Pin 4 - Bus power +24V
- Pin 5 - Bus power +24V
- Pin 6 - Not connected
- Pin 7 - Bus power GND
- Pin 8 - Bus power GND

**Group and individual control**

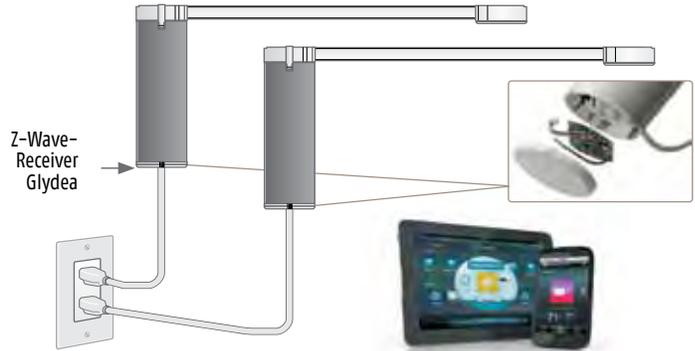


**GLYDEA™ Z-WAVE® CONTROL**

**Individual control**



**Group and individual control**

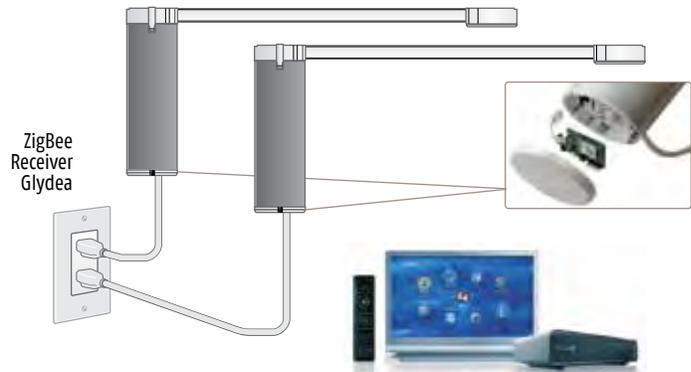


**GLYDEA™ ZIGBEE® CONTROL**

**Individual control**



**Group and individual control**



**NOTE: Examples are for illustrative purposes. Additional components may be needed depending on your installation.**

# Glydea™ Parts List

## MOTORS AND CONTROL MODULES

### Glydea™ 35



RTS with 10' Plug DSF1001615  
DCT with 10' Plug DSF1001536  
RS485 with 10' Plug DSF1002109

### Glydea™ 60e



RTS with 10' Plug DSF1001617  
DCT with 10' Plug DSF1001538  
RS485 with 10' Plug DSF1002108  
4 Wired Version DSF1001537

### Control Modules



Z-Wave®  
DSF1870228



ZigBee®  
DSF1870221



Radio Technology Somfy® RTS  
DSF1870172



RS485  
DSF1811129

## COMMON TRACK COMPONENTS

### Drive Pulley



DSF1780945

### Heavy Duty Master Carrier



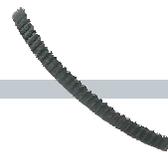
DSF1781344

### Pulley Cover



DSF1780898

### High Performance 10mm Belt



DSF1782084

### Track



DSF1780899 (per ft.)

### Straight Rail Joint



NEW IMPROVED  
DESIGN

DSF1782316

## PINCH PLEAT TRACK COMPONENTS

### Straight Arm



NEW IMPROVED  
DESIGN

DSF1782321

For use with center opening  
draperies.

### Overlap Arm

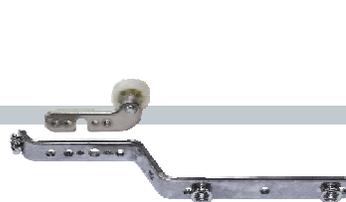


NEW IMPROVED  
DESIGN

DSF1782320

For use with center opening  
draperies.

### One Way Overlap Arm



DSF1780947

For use with one way opening  
draperies.

### Pinch Pleat Return Hook



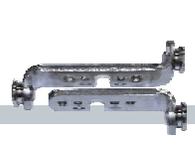
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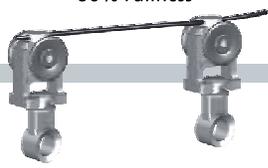
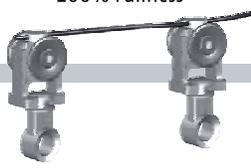
### Carrier



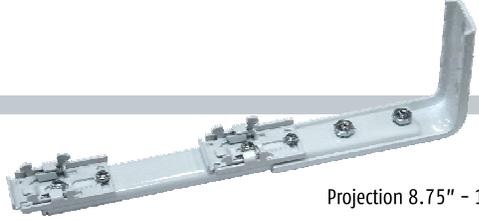
DSF1780892

## RIPPLEFOLD® & ACCORDIA® TRACK COMPONENTS

Straight Arm	Overlap Arm	One Way Overlap Arm	Ripple Return Snap	RippleFold® Butt Master Arms
				
DSF1782321 For use with center opening draperies.	DSF1782320 For use with center opening draperies.	DSF1780947 For use with one way opening	DSF1780905	DSF1780953 For use with center opening draperies only.

RippleFold® and Accordia® type Carriers			Ripple Snap Tape
			
80% Fullness Carrier Spacing: 2 3/8" DSF1780903	100% Fullness Carrier Spacing: 2 1/8" DSF1780902	120% Fullness Carrier Spacing: 1 7/8" DSF1780901	100 yd. roll: DPA2946/WH Per yd. DPA2945/WH WHITE DPA2945/CLR CLEAR DPA2945/BK BLACK
<p>Recommended for use with Somfy Ripple Snap Tape (ordered separately), but also adaptable to Kirsch and Graber snap tape.                      Accordia® type carrier consists of Pinch Pleat carrier and RippleFold® pendant.</p>			

## BRACKETS

One Touch Ceiling Bracket	Adjustable Wall Mount Bracket	Double Adjustable Wall Mount Bracket	Swivel Ceiling Bracket
			
DSF1780907	Projection 4.5" - 6" DSF1780909	Projection 8.75" - 10.25" DSF1780910	DSF1780906
Adjustable Wall/Ceiling Mount Bracket Kit		Double Adjustable Wall/Ceiling Mount Bracket Kit	
			
Projection 4.5" - 6" DSF1782054		Projection 8.75" - 10.25" DSF1782053	

# Glydea™ Parts List

## AVAILABLE CARRIER ARM(S)

Carrier arms are included with your pre-fabricated motorized drapery track per the draw type.

### ONE WAY OPENING

**Overlap Arm:** For use with one way opening Pinch Pleat, one way RippleFold® and Accordia® draperies.



One Way  
Overlap Arm Kit  
DSF1780947

### CENTER OPENING

**Overlap Arm:** For use with center opening Pinch Pleat, RippleFold® and Accordia® draperies.



Overlap Arm Kit  
&  
Straight Arm Kit  
DSF1780946

### CENTER OPENING (DRAW) BUTT MASTER (optional)

**Butt Master Arm:** For use with RippleFold® and Accordia® center opening draperies only.



or  
(optional)

Butt Master  
Arms  
DSF1780953

## AVAILABLE CARRIERS

Carriers are included with your pre-fabricated motorized drapery track.

### PINCH PLEAT DRAPERIES

**Pinch Pleat Carriers:** Brimar recommends a quantity of 3 carriers per foot. Additional carriers can be ordered as necessary.



Carrier  
DSF1780892

### Pinch Pleat Return Hook:



Return Hook  
DSF1780895

### RIPPLEFOLD® / ACCORDIA® DRAPERIES

**\*Somfy RippleFold®/Accordia® Type Carriers:** The quantity of carriers needed depends on the desired fullness, reference the chart below to determine the needed quantity and standard spacing. Each carrier comes complete with pendant. See page 9 for Somfy's carrier count.

Item #	Fullness	*Carrier Spacing
DSF1780903	80%	2 3/8" / 5 per ft. (included)
DSF1780902	100%	2 1/8" / 6 per ft. (included)
DSF1780901	120%	1 7/8" / 7 per ft. (included)



Carrier and Pendant

**\*NOTE:** Quantity per ft. is Somfy's recommendation. Specific quantities can be specified when the order is placed.

Recommended for use with Ripple Snap Tape (ordered separately), but also adaptable to Kirsch and Graber snap tape.

### Ripple Snap Tape:



(100 yd. roll) DPA2946  
(per yd.) DPA2945

### Return Snap:



Return Snap  
DSF1780905

# Custom Track Options

## Tandem

Tandem motorized systems utilize two Glydea™ motors and are used for draperies that exceed the maximum single motor capacity. Tandem systems are only available with dry contact control technologies and require additional accessories. Please contact Brimar for specification details.

### Dry Contact

Splitter	DSF9015442
7ft Modular Cable	DSF9013346
25 ft. Modular Cable	DSF9013149
35 ft. Modular Cable	DSF9013338



## Top Mount

Glydea™ motors can be installed above the drapery track depending on your project needs. This option provides the ability to conceal the motor in a drop ceiling or under a valence and requires an additional kit.

Top Mount Kit  
DSF1780908



## Glystro® Conversion Kit

The Glystro® Conversion Kit is designed to allow adaptation of Somfy's current Glydea™ drapery motor to previous Glystro® drapery tracks and associated hardware.



DSF1782106

## Bends

Tracks with bends are ideal for bay and corner windows. Track bends are available at a fixed radius of 11.8". For more information on how to measure for a bend, please see page 20.

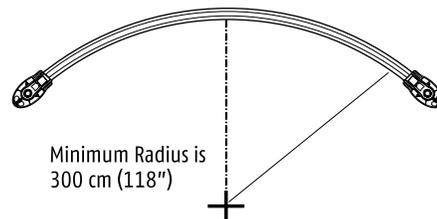
**Bent Drapery Track Measurement Form required for all orders.**



## Curves

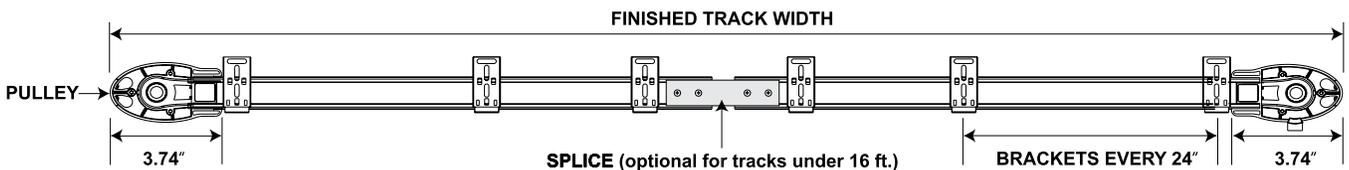
Custom curves are ideal for bow windows and other special applications. For additional information on how to measure for a curve, and how to make a template, please see [Directions for Creating a Template for Drapery Curves](#) page 22

**Templates are required for accuracy for all orders.**



## BRACKET MOUNTING RECOMMENDATIONS (top view of track)

Somfy recommends 1 bracket by each pulley and 1 bracket every 24". Additionally, 1 bracket should be placed on each side of a splice if used.



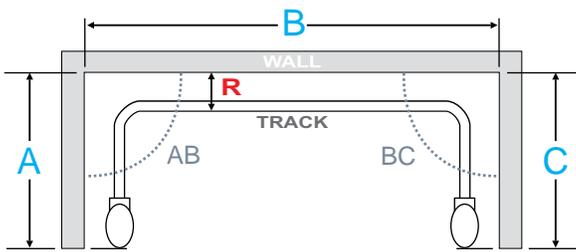
# Bent Drapery Track Measurement Form

The following dimensions are shown from the top view of the track and show various wall designs.

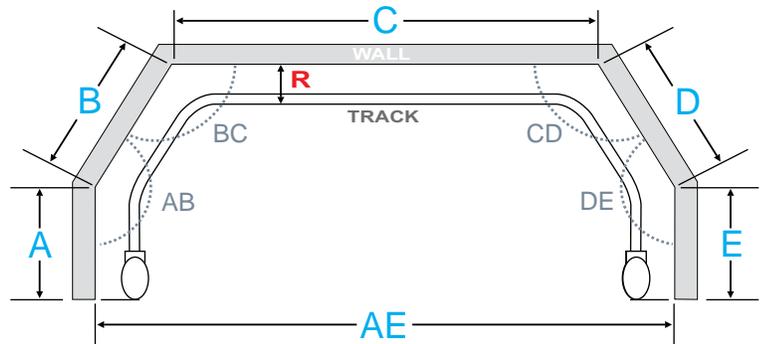
1. Choose the design that best fits your room setup.
2. Provide all of the proper wall measurements and degrees of all angles.
3. Provide the Return measurement "R" (distance from wall to front of draper track as shown) and submit to Somfy.

**NOTE: When fabricating your drapery, please add 1.5" to your return**

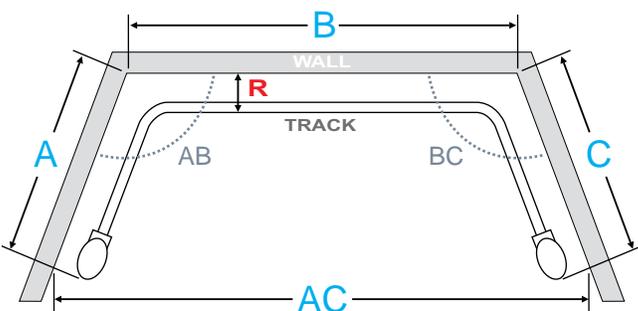
## STYLE 1 MEASUREMENT



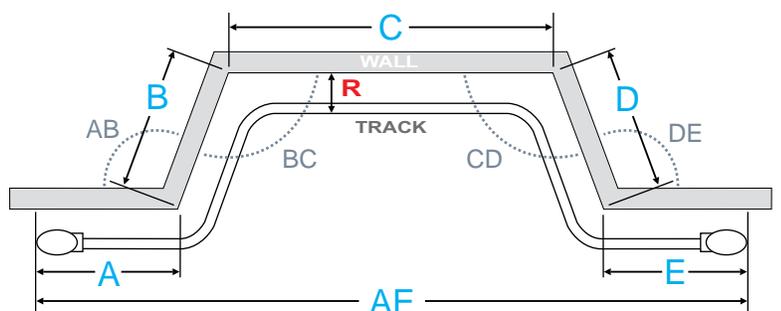
## STYLE 2 MEASUREMENT



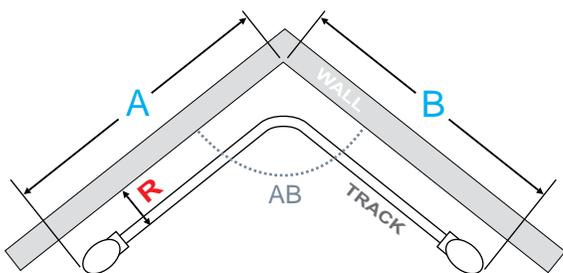
## STYLE 3 MEASUREMENT



## STYLE 4 MEASUREMENT



## STYLE 5 MEASUREMENT



### TRACK 1

Style	Degree of Bend
A	AB
B	BC
C	CD
D	DE
E	
AC	"R" Dimension
AE	

### TRACK 2

Style	Degree of Bend
A	AB
B	BC
C	CD
D	DE
E	
AC	"R" Dimension
AE	

# Bent Drapery Tracks Measurement Form

PLEASE NOTE: Somfy requires the measurement of the wall not the track.



The following dimensions are shown from the top view of the track and show various wall designs.

1. Choose the design that best fits your room setup.
2. Provide all of the proper wall measurements and degrees of all angles.
3. Provide the Return measurement "R" (distance from wall to front of drapery track as shown) and submit to Somfy.

**NOTE: When fabricating your drapery, please add 1.5" to your return**

# Directions for Creating a Template for Drapery Curves

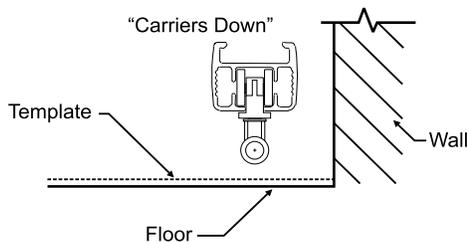
**What you need:** • Large piece of construction paper • Tape measure • Marker • Tape

- 1 Start with a large piece of construction paper that exceeds the depth and length of the curve.
- 2 Place the paper on the floor or ceiling depending on the orientation of the curve.
- 3 Secure the paper with the tape.
- 4 Clearly define the stacking side, motor placement, pocket depth and center line of track with the marker.
- 5 Mark the radius of the curve
- 6 Please provide as much detail as possible and all templates **must** include the following:
  - Indicate "room side"
  - Note how the template was created
    - Template created on the floor facing up (See Figure 1)(Preferred method)
    - Template created on the ceiling facing down (See Figure 2)
  - Purchase order number
  - Customer name
  - Company name and account number
- 7 Note the distance from the wall or the window to the center of the track.
 

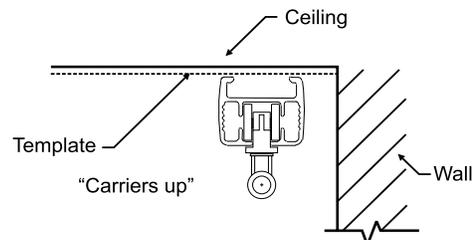
**NOTE: Be sure to clear all possible obstructions such as handles, sills etc.**
- 8 Identify the following measurement points:
  - Placement of motor
  - Exact stopping point of track on template
  - Total measurement of curve (See Figure 4-"C")

Please call Brimar for specialty curving applications. Depending on your particular application, your project may require special attention.

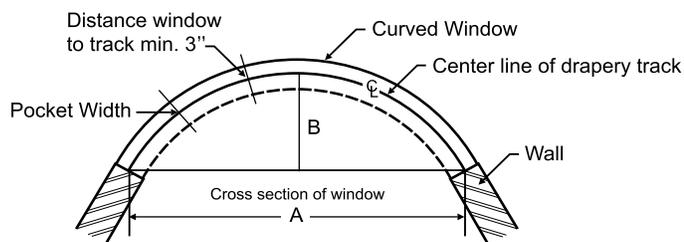
**Figure 1: Template on the Floor Facing Up**



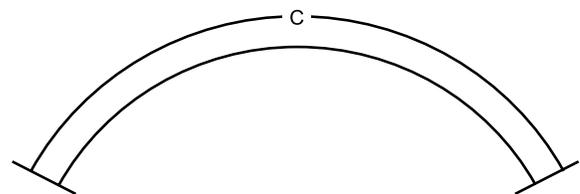
**Figure 2: Template on the Ceiling Facing Down**



**Figure 3: Critical Dimensions of a Curved Track**



**Figure 4: Total Measurement of Curve**



## Template Submission Instructions

Attach a copy of the purchase order to the template.  
 Roll up template and place in a mailing tube. **DO NOT FOLD TEMPLATE**  
 Mail to: Brimar  
 28250 Ballard Drive  
 Lake Forest, IL 60045  
**Attn: Hardware Support**

**NOTE: When mailing, be sure to:**

- Get a tracking number
- Include your return address
- Include your purchase order number on the label

## Acceptable materials for making templates:

- Kraft Paper • Butcher Paper • Construction Paper

## Somfy will not accept templates made from the following materials:

- Newspaper • Plastic • Wax Paper • Fabric • Tissue Paper
- Roofing Paper • Existing Arch Shades • Wrapping Paper

**NOTE: If the material used to make a template stretches, tears easily, will not lay flat or will mark the fabric - IT WILL NOT BE USED.**

Date of Order: \_\_\_\_\_ Account #: \_\_\_\_\_ P.O. #: \_\_\_\_\_ Sidemark: \_\_\_\_\_

Special Shipping Directions: \_\_\_\_\_

**SOLD TO:**

Business Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City / State / Zip: \_\_\_\_\_  
 Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_  
 Email: \_\_\_\_\_

Ordered By: \_\_\_\_\_  
 Signature: \_\_\_\_\_

**SHIP TO:**

Business Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City / State / Zip: \_\_\_\_\_  
 Contact Name: \_\_\_\_\_  
 Phone #: \_\_\_\_\_ Fax #: \_\_\_\_\_  
 Email: \_\_\_\_\_

**ORDER DETAIL - Please see reverse for glossary and definition of terms**

Item #	Room	Qty	1 Motor Part No.	2 Width (in.)	3 Tandem	4 Motor Side	5 *Track Type	6 Stack (L/R/S)	7 **If Bent: # of bends	8 Carrier Type	9 Bracket Part No.	10 Butt Master	11 Splice
Example	Living Room	1	1001617	144		Left	F	S	2	RF-80	1780907	NO	X
1													
2													
3													
4													
5													
6													

\* For curved tracks, Brimar requires a template be provided. Please see Directions for Creating a Template for Drapery Curves on page 23 for template information.  
 \*\* For bent tracks, Brimar does not require a template. Please include the Bent Drapery Tracks Measurement Form on page 22 for exact measurements per angle.  
 NOTE: Brimar includes a center splice every 16' of track. Please indicate in the "SPECIAL INSTRUCTIONS" section if your requirements differ from Brimar's standard.

**SPECIAL INSTRUCTIONS**

\_\_\_\_\_

**CONTROLS:** In the space provided below, please list the part number(s) for the control(s) you desire. Please see pages 10 & 11 for control information

\_\_\_\_\_

Given the nature of custom motorization products, control options and compatibility varies dramatically. If you would like further assistance with control options, simply note it in the field below and one of our customer service specialists will contact you upon the submission of your order.

\_\_\_\_\_

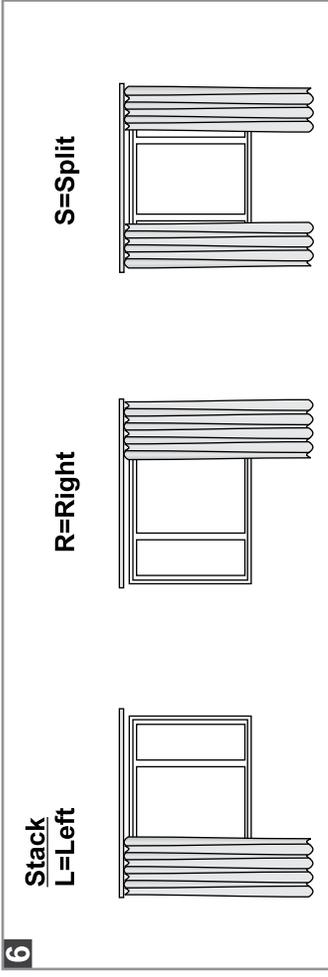
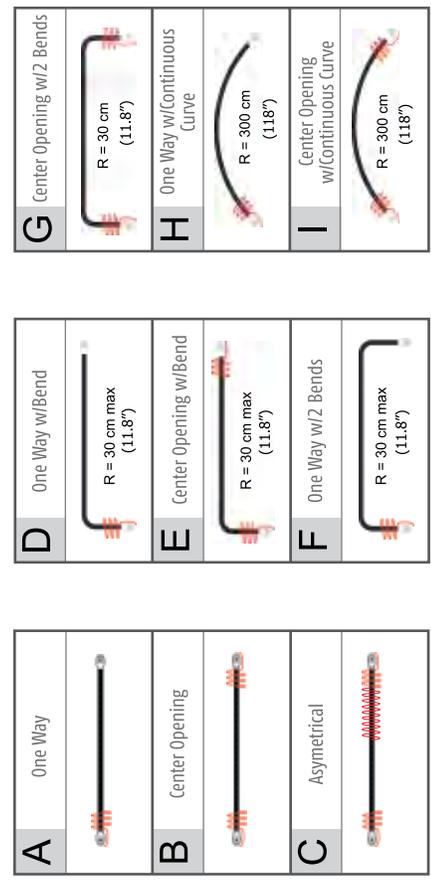
<b>1</b>	<p><b>Motor</b></p> <p>Glydea™ 35 Motor DCT with 10' plug          Glydea™ 35 Motor RTS with 10' plug          Glydea™ 35 Motor RS485 with 10' plug          Glydea™ 60e Motor DCT with 10' plug          Glydea™ 60e Motor RTS with 10' plug          Glydea™ 60e Motor RS485 with 10' plug          Glydea™ 60e Wired</p>	<p><b>Part Number</b></p> <p>DSF1001536          DSF1001615          DSF1002109          DSF1001538          DSF1001617          DSF1002108          DSF1001537</p>
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**2 Width (Inches)**  
 Glydea™ motorized tracks are custom built according to the specified width. Please note that the finished track width is measured pulley end to pulley end. For bent and curved tracks please provide the total of all wall measurements. When fabricating your drapery please add 1.5" to your return.

<b>3</b>	<p><b>Tandem Y=Yes N=No</b></p> <p>Tandem motorized systems utilize two Glydea™ motors. Items needed for tandem systems should be noted in the Special Instructions Section of the order form. See page 82 for specification information.</p>	<p><b>Dry Contact</b></p> <p>Splitter DSF9015442          7ft Modular Cable DSF9013346          25 ft. Modular Cable DSF9013149          35 ft. Modular Cable DSF9013338</p>
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**4 Motor Side**  
**L=Left Side R=Right Side**  
 Choose the motor side best suited for your installation.

**5 Track Type**  
**A-I See below O=Other**  
 NOTE: Brimar requires a template for all curved tracks. Please see **Directions for Creating a Template for Drapery Curves** on page 101 for necessary information.



**7 If Bent: # of Bends**  
**1=1 Bend, 2=2 Bends, 3=3 Bends, etc**  
 NOTE: Brimar requires exact angle measurements for all bent tracks. Please submit completed and signed **Bent Drapery Track Measurement Form** page 100 with all bent track orders.

**8 Carrier Type**  
 PP=Pinch Pleat (QTY of 3 per foot included)  
 RF80 = RippleFold® 80% fullness (QTY of 5 per foot spaced every 2 3/8" included)  
 RF100 = RippleFold® 100% fullness (QTY of 6 per foot spaced every 2 1/8" included)  
 RF120 = RippleFold® 120% fullness (QTY of 7 per foot spaced every 1 7/8" included)

**9 Brackets**  
 NOTE: Brackets are not included and must be ordered separately.  
**Part Numbers**  
 One Touch Ceiling Bracket (not recommended for curved tracks) DSF1780907  
 4.5" -6" Wall Mount Bracket DSF1782054  
 8.75" -10.25" Double Wall Mount Bracket DSF1782053  
 Swivel Ceiling Bracket (strongly recommended for curved tracks) DSF1780906  
 Brimar recommends one (1) bracket by each pulley and one (1) bracket every 24". Additionally, one (1) bracket should be placed on each side of a splice if used.

**10 Butt Master**  
**Y=Yes N=No**  
 Only available for RippleFold® center opening systems.  
 Quantity 2 required; please note item numbers in **Special Instructions Section** of the order form item # DSF1780953.

**11 Splice**  
**X=Special splice instructions**  
 Brimar includes a center splice every 16ft of track. Please indicate in the Special Instructions Section if your requirements differ from Brimar's standard.

[www.brimarinc.com](http://www.brimarinc.com)

**Brimar**

28250 Ballard Drive  
Lake Forest, IL 60045  
(P) 800-274-1205  
(F) 847-247-9270

