Glydea2 ULTRA 50 WF Zigbee

DOC202402		
TDST Glydea 2 ULTRA 50 WF Zigbee		
Based on DOC161449		
Date	Index	Page
17/04/2025	000	1/1

Application scope



PINCH PLEAT



RIPPLEFOLD®



ACCORDIA®



Main functionalities

- Manual operation in case of battery depleated
- Automatic end limits setting
- Discreet speed (Slience)
- Adjustable nominal speed
- Touch motion
- Adjustable end limits
- Information feedback (LED)
- Powered with rechargeable battery
- Works with or without box

Technical features

Nominal voltage	22 VDC
Standby power consumption	<0.002W
Insulation class	Class III
Index protection rating	IP 30 - For indoor use only
Limit switch accuracy	±10 mm
Touch motion sensitivity	4cm/8cm
Operating time	20 min
Maximum running time in one direction	10 min

Temperature working range	0°C - 60°C
Temperature charging range	0°C - 45°C
Temperature storage range	-20°C - 60°C
Compatible battery pack	LI-ION 2 BATTERY-6

Specifications

Key specifications

Nominal torque	0.7 Nm
Nominal speed	105rpm (15cm/s)
Adjustable nominal speed	88 - 123 rpm (12.5 -17.5 cm/s)
Discreet speed	53rpm (7.5cm/s)
Mode option	Discreet /Norninal(Adjustable via apps)
Typical sound level	Discreet : 32dB(A) *
	Nominal : 40dB(A) *
Rated power	30 W
Maximum load	50 kg
Maximum track length	12 m
Minimum track length	0.6 m
Minimum bending radius	300 mm

Certifications

Radio

Radio protocol	Zigbee 3.0, Bluetooth 4.2
Radio frequency	2,4GHz
Zigbee Radio range	(The radio rnage may be affected by RF environment)
• **Not Connected**	Room range
• **Connected**	House range - Radio range extended by adding routers (Mesh network)
	One router per room is recommended and max 6 Wirefree motors per router
• **Bluetooth**	3m
Antenna	Integrated

Electrical

Nominla current	1200 mA at 15cm/s
Current without radio reception	90 µA Standby

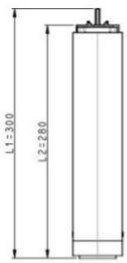
Performance

Charging time	<4h for 80% of the capacity
Autonomy	1 recharge every 9 months on reference curtain
Life time	10 years

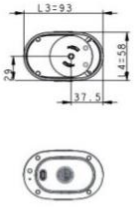
* Power level : - Measurements according to standards ISO 3741 in dB(A) ref 1pW, with no load, between 20°C and 35°C
- Average value between Open direction and Close directions, based on 5 samples

Dimensions & Weight

L1	300 mm
L2	280 mm
L3	93 mm
L4	58 mm
Weight	1035 g







Limitations

For interior use only.
Motor must be installed vertically
Maximum distance between motor and charger: 5m
Do not let the charger plugged in permanently to the motor. Somfy recommends to unplug after recharge.
Motor must be fully charged prior to first use. During storage, the motor must be charged every 24 months.