Ceiling Curtain Rail

Ciero Line
Ciero Cloud
Ciero Mini

- Minimal design curtain rail that can accentuate the beauty of fabric.

- Perfect solution for wave style by using patented curtain stopper and wave components.

- Invisible type (Line), less visible and easy installation type (Cloud), and compact type for curved window (Mini) are available.

GOOD DESIGN

Ciero Line and Ciero Cloud won the Good Design Award 2019

Ciero Line / Ciero Cloud / Ciero Mini

What is Ciero?

Avoid Wasted Elements

We scrape off not only operation noises but also all kinds of unnecessary components in the look. Ciero series maximize the beauty of curtain fabric in the open space that has wide window or high ceiling.

Design

A design that blends into the ceiling as if it doesn't exist.

Functions

It provides a high level of operability, quietness, and maintainability, especially under the condition of large opening and tall window.

Wave Style Curtain

We also propose a curtain style that creates beautiful waves optimal for curtains from the ceiling to the floor.

Ciero Lineup

Ciero Line

- The best rail that blends into space
- When embedded in the ceiling, a design with a flange (collar) so that the ceiling can be shown beautifully.
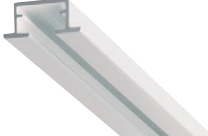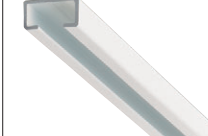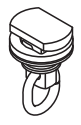
Ciero Cloud

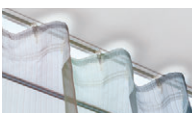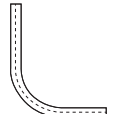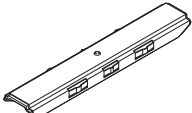

- Pursuing a design fits flat on the ceiling with a direct attachment, even in environments that cannot be embedded.

Ciero Mini

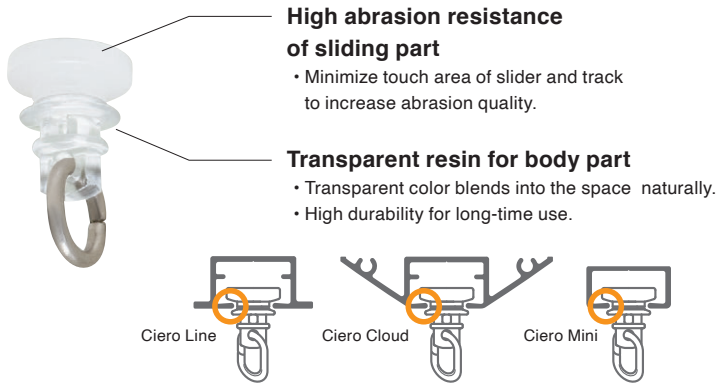- We hold down function and realize minimum size.

Ciero Series Overview

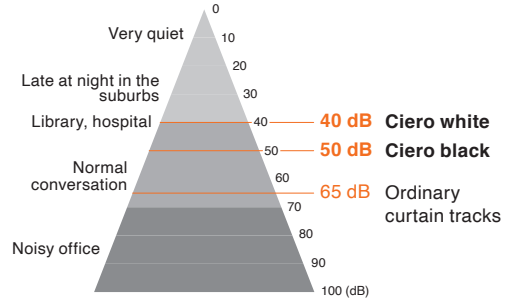|			Ciero Line	Ciero Cloud	Ciero Mini
Performance		Features			
		Installation Method	Ceiling embedded attachment	Ceiling direct attachment	Ceiling direct attachment
Maintainability	The slider can be inserted and removed even after the rail is attached. (End Cap Square only)	Possible to add the slider	◯	◯	—
Design	Slider with excellent design and silence	Clear Slider	◯	◯	◯
	Removable add on stop	Stop	◯	◯	◯
	Wave curtain support (When using the wave style set)	Wave Curtain	◯	◯	◯
Convenience	By using the Curtain Stopper, the opening of the window is widened, which makes the room brighter.	Curtain Stopper	◯	◯	—
	The curtain can be opened and closed from both sides of the rail.	One-way MG Slider (Multi magnet function)	◯ (Option)	◯ (Option)	◯ (Option)
Functionality	Available to install to corner windows (120 mmR, 180 mmR)	Curve processing	—	—	◯
	Possible to joint	Joint	◯	◯	◯

Ciero Series' Unique Feature

Smooth and Quiet Sliders

High abrasion resistance of sliding part
・Minimize touch area of slider and track to increase abrasion quality.

Transparent resin for body part
・Transparent color blends into the space naturally.
・High durability for long-time use.

Ciero Line   Ciero Cloud   Ciero Mini

1 Quiet

Reduces the noise when opening and closing the curtain.

Very quiet	0 / 10
Late at night in the suburbs	20 / 30
Library, hospital	40 — **40 dB Ciero white**
	50 — **50 dB Ciero black**
Normal conversation	60 — **65 dB** Ordinary curtain tracks
	70
Noisy office	80 / 90
	100 (dB)

2 Durable and Sustainable

High abrasion resistance material is used for sliding part: keep operation smoothness for a long time compare to ordinary curtain tracks.

Track	Allowable Curtain Weight	Material	New One	After 10,000 times
Ciero white	10 kg (22 lb)	HDPD	0.4 kgf (.88 lbf)	0.4 kgf (.88 lbf)
Ciero black	10 kg (22 lb)	HDPD	0.5 kgf (1.1 lbf)	0.5 kgf (1.1 lbf)
TOSO standard track with roller	10 kg (22 lb)	Polyethylene	1.06 kgf (2.3 lbf)	2.98 kgf (6.6 lbf)

3 Light and Smooth

Smoothness on the joint part, no jam at the joint part.

| Track	Allowable Curtain Weight	Material	Operation Weight
Ciero white	10 kg (22 lb)	HDPD	0.6 kgf (1.3 lbf)
Ciero black	10 kg (22 lb)	HDPD	0.7 kgf (1.5 lbf)
TOSO standard track with roller	10 kg (22 lb)	Polyester elastomer	0.7 kgf (1.5 lbf)

Easy Maintenance — Detachable End Cap

After recessed installation or installing the track close to the wall, it is difficult to insert sliders because of no space to do it.
Detachable end cap gives solution for the problem.
Enables to insert sliders for maintenance.

Ciero Line

Ciero Cloud

Curtain Stopper
(Option for Ciero Line and Ciero Cloud)
Suitable for Wave Style Curtain

Stop curtain wherever you want.
Stop the curtain pushing back caused by fabric thickness. (No need to use tiebacks)
Recommended for Wave Style Curtain that is easy to push back to close.
Patent pending by TOSO.

Without Stopper

With Stopper
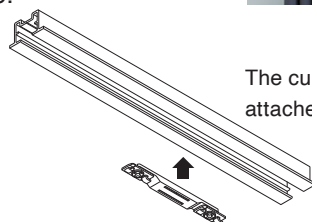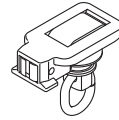
The curtain stopper can be attached to the rail groove.
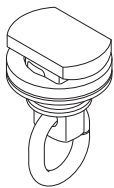
Go to instruction movie of TOSO Curtain Stopper.

One Way Magnet Slider

Insert One Way Magnet Slider to both side of track, and curtain can be open from both side.
This function makes you comfortable entering and exiting the room.

> It's easy to entry and exit of the window!

Stop

Available to install or remove with rails attached

Since the Cap and Stop are separate parts, available for single-sided and multi-magnet specification. Unnecessary Stops can be removed without tools. (Even if you open the curtain on one side, it fits neatly without any pressure.)

Wave Style's Unique Features

- The Wave Style creates a feeling of naturally flowing fabric.

- The curtains are draped in gentle waves about 1.5 times the width of window, resulting in a continuity of pattern and texture.

- There is a natural wave in the curtains at intervals of 80 mm (3.1″) or 60 mm (2.4″).

- With its tape and accessories, it creates natural, elegant symmetrical waves.

  *Pleating cord keeps waves evenly shaped, making the curtain rich and stylish.
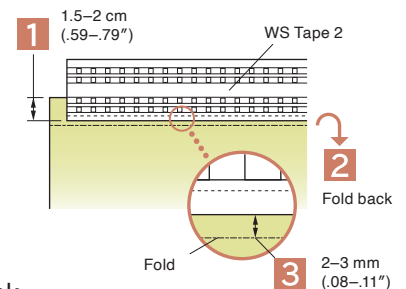
Wave Style Structure

Even number of hooks used in all cases.
Rollers spaced at 80 mm (3.1″) or 60 mm (2.4″) intervals to produce waves.
Both left and right sides of curtains always end in troughs.
*To make appealing wave style curtains, use Flat Tape and Pleating Cord.
*Fabrics with soft weft threads and stiff warp threads such as plain weaves are advisable.

Slider
Pleating Cord
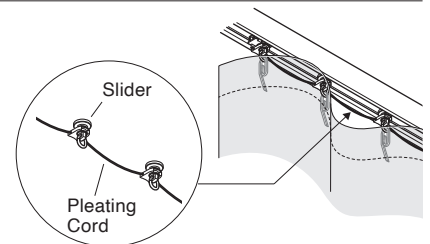
How to Sew Curtain with Flat Tape

1 From the top edge of the curtain front side so that it overlaps about 1.5 to 2 cm (.59 to .79″). Place WS Tape 2 and hang a sewing machine.
   *There is no top or bottom on the tape.

2 Bend the curtain cloth to the back side, sew a sewing machine.

3 The curtain fabric is a few millimeters away from the WS Tape 2.
   If you fold it at the position, it will be 10 mm (.39″) above from under the hook.

1 1.5–2 cm (.59–.79″)   WS Tape 2
2 Fold back
Fold
3 2–3 mm (.08–.11″)

Wave Style Components

· Pleating Cord

80 mm (3.1″)

60 mm (2.4″)

· WS Tape 2

10 mm (.39″)   120 mm (4.7″) 120 mm (4.7″)
12 mm (.47″)
75 mm (3.0″)
150 mm (5.9″)   10 mm (.39″)

· Slider

Ø 12.5 mm (.49″)
19 mm (.75″)   21 mm (.83″)
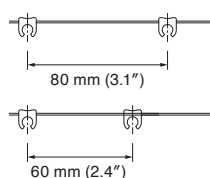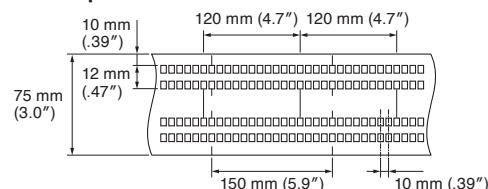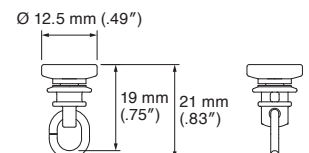
Ciero Line

Invisible curtain rail embedded into ceiling to complement window and fabric more beautiful.

Lineup

Square Cap

White

Black

Plain Cap

White

Black

Materials and Finishes

Parts		Material	Finish
Rail	White	Aluminum alloy extrusion material	Alumite white
	Black		Alumite black
Square Cap	White	ABS resin, Steel	White
	Black		Black
Plain Cap	White	Nylon	White
	Black		Black
Slider	Plate	Copolyester resin	—
	Wheel	High sliding special polyethylene resin	—
	Oval ring	Stainless steel	—
Stop		Copolyester resin, Silicon rubber, Stainless steel	—
Curtain Stopper		Acetal resin, Magnet	—
Joint	White	Stainless, PP resin	White
	Black		Black

Installation Interval and Allowable Curtain Load

Within 10 cm (3.9″) Within 45 cm (18″) Within 10 cm (3.9″)

For 1 Slider

One-way Draw
Up to 10 kg (22 lb)

Two-way Draw
Up to + 10 kg (22 lb)

1.5 kg (3.3 lb)

Installation Dimensions

*Only A Hook can be used.

Ceiling Attachment

9.5 mm (.37″)
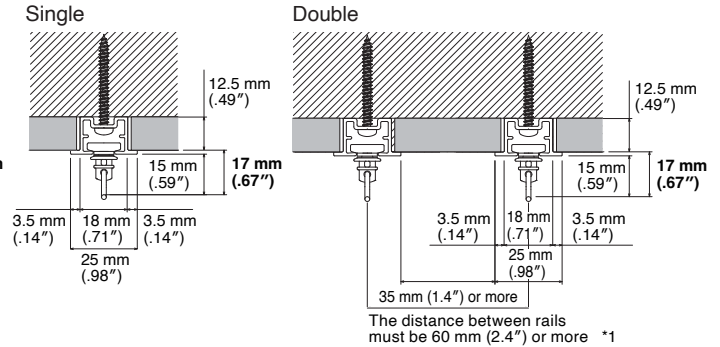
Single

Double

9.5 mm (.37″)
17 mm (.67″)
15 mm (.59″)
3.5 mm (.14″) | 18 mm (.71″) | 3.5 mm (.14″)
25 mm (.98″)
35 mm (1.4″) or more
The distance between rails must be 60 mm (2.4″) or more *1

12.5 mm (.49″)

Single

Double

12.5 mm (.49″)
17 mm (.67″)
15 mm (.59″)
3.5 mm (.14″) | 18 mm (.71″) | 3.5 mm (.14″)
25 mm (.98″)
35 mm (1.4″) or more
The distance between rails must be 60 mm (2.4″) or more *1

*1 Adjust according to the volume of the curtain.

Cap

Square Cap

Rail length
20 mm (.79″) | 3.5 mm (.14″)
9.5 mm (.37″) or 12.5 mm (.49″)
11 mm (.43″) or 14 mm (.55″)
15 mm (.59″)
30 mm (1.2″) *2
25 mm (.98″)
18 mm (.71″)

Plain Cap

Rail length
2 mm (.08″) | 3.5 mm (.14″)
9.5 mm (.37″) or 12.5 mm (.49″)
11 mm (.43″) or 14 mm (.55″)
15 mm (.59″)
20 mm (.79″) *2
25 mm (.98″)
18 mm (.71″)
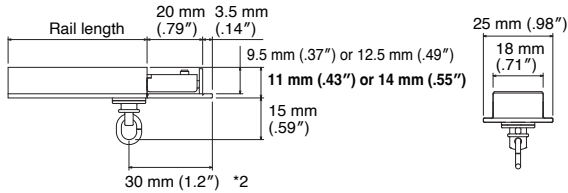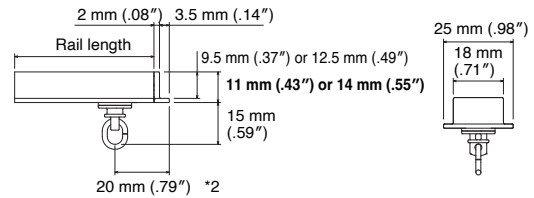
*2 When the stop is at the end.

Ciero Line Rails

Height: 9.5 mm (.37″)

25 mm (.98″)
18 mm (.71″)
9.5 mm (.37″)
11 mm (.43″)
8 mm (.31″)

Height: 12.5 mm (.49″)

25 mm (.98″)
18 mm (.71″)
12.5 mm (.49″)
14 mm (.55″)
8 mm (.31″)
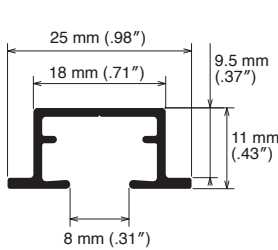
Size	Product Code			
	Height: 9.5 mm (.37″)		Height: 12.5 mm (.49″)	
	White	Black	White	Black
1.00 m (39″)	30014708	30014712	30014716	30014720
2.00 m (79″)	30014709	30014713	30014717	30014721
3.00 m (118″); 1.5 m (59″) × 2	30017088	30017089	30017090	30017091
4.00 m (157″)	30016500	30016501	30016502	30016503

Ciero Line Parts

	Product Name		Product Code
Caps	End Cap Square	White	30014745
		Black	30014746
	End Cap Plain	White	30014747
		Black	30014748
Stop	Stop		30014757

	Product Name		Product Code
Sliders	Slider (8 pieces per strip)		30014740
	MG Slider		30014741
	One-way MG Slider		30014742
Others	Curtain Stopper		30014743
	Joint	White	30017096
		Black	30017097

	Product Name	Product Code
Others	WS Tape 2 75 mm / 25 m	30015662
	Gather Hook NN-10	00340187
	Pleating Cord 80 mm 15 m	03490033
	Pleating Cord 60 mm 100 m	30018273

80 mm (3.2″)
60 mm (2.4″)

Ciero Cloud

Ciero Cloud's Unique Features

Almost invisible even if it is mounted on ceiling directly without embedding the rail.

Lineup

Square Cap

White

Black

Round Cap
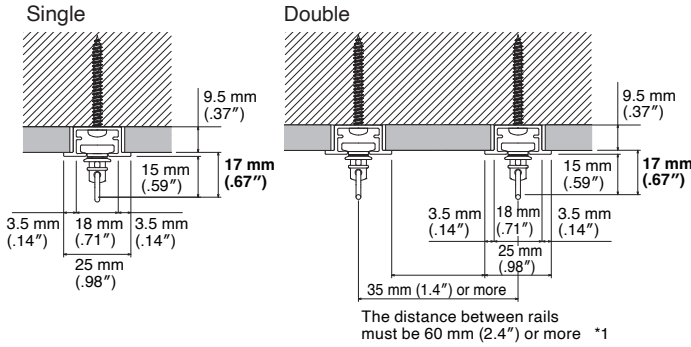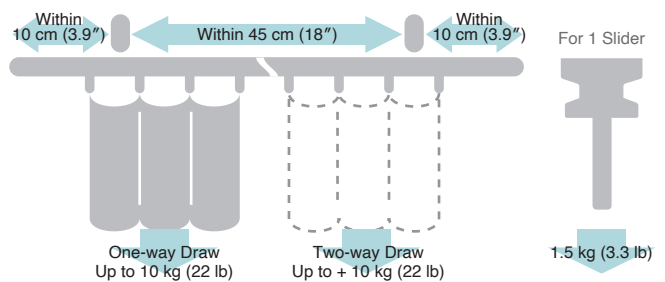
White

Black

Plain Cap

White

Black

Materials and Finishes

Parts		Material	Finish
Rail	White	Aluminum alloy extrusion material	Alumite white
	Black		Alumite black
Square Cap	White	ABS resin, Steel	White
	Black		Black
Round Cap	White	ABS resin, Steel	White
	Black		Black
Plain Cap	White	Nylon	White
	Black		Black
Slider	Plate	Copolyester resin	—
	Wheel	High sliding special polyethylene resin	—
	Oval ring	Stainless steel	—
Stop		Copolyester resin, Silicon rubber, Stainless steel	—
Curtain Stopper		Acetal resin, Magnet	—
Joint	White	Stainless, PP resin	White
	Black		Black

Installation Interval and Allowable Curtain Load

Within 10 cm (3.9″) Within 45 cm (18″) Within 10 cm (3.9″)

One-way Draw
Up to 10 kg (22 lb)
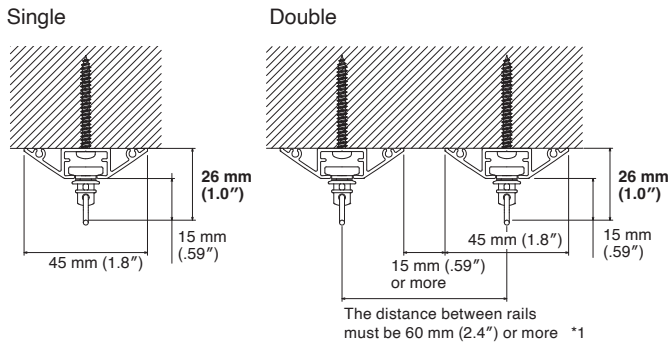
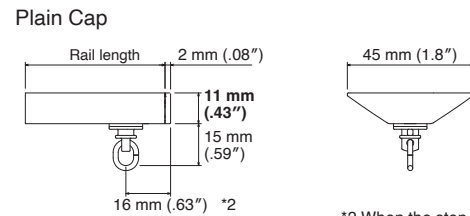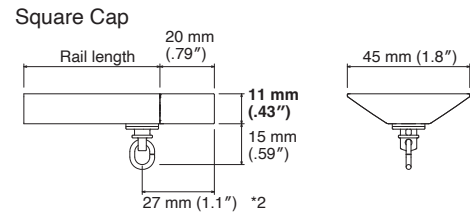Two-way Draw
Up to + 10 kg (22 lb)

For 1 Slider

1.5 kg (3.3 lb)

Installation Dimensions
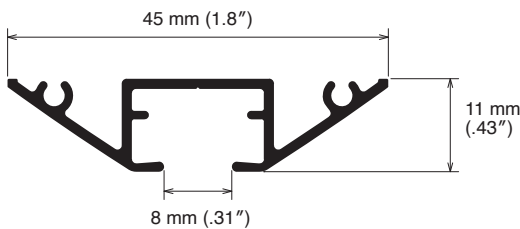
*Only A Hook can be used.

Ceiling Attachment

Single

26 mm (1.0″)
15 mm (.59″)
45 mm (1.8″)

Double

26 mm (1.0″)
15 mm (.59″)
45 mm (1.8″)
15 mm (.59″) or more

The distance between rails must be 60 mm (2.4″) or more *1

*1 Adjust according to the volume of the curtain.

Cap

Square Cap

Rail length · 20 mm (.79″) · 11 mm (.43″) · 15 mm (.59″) · 27 mm (1.1″) *2 · 45 mm (1.8″)

Round Cap

Rail length · 23 mm (.91″) · 11 mm (.43″) · 15 mm (.59″) · 37 mm (1.5″) *2 · 45 mm (1.8″)

Plain Cap

Rail length · 2 mm (.08″) · 11 mm (.43″) · 15 mm (.59″) · 16 mm (.63″) *2 · 45 mm (1.8″)

*2 When the stop is at the end.

Ciero Cloud Rails

45 mm (1.8″) · 11 mm (.43″) · 8 mm (.31″)

Size	Product Code	
	White	Black
1.00 m (39″)	30014724	30014728
2.00 m (79″)	30014725	30014729
3.00 m (118″); 1.5 m (59″) × 2	30017092	30017093
4.00 m (157″)	30016504	30016505

Ciero Cloud Parts

Product Name		Product Code
End Cap Square	White	30014749
	Black	30014750
End Cap Round	White	30014751
	Black	30014752
End Cap Plain	White	30014753
	Black	30014754
Stop		30014757

Product Name		Product Code
Slider (8 pieces per strip)		30014740
MG Slider		30014741
One-way MG Slider		30014742
Curtain Stopper		30014743
Joint	White	30017096
	Black	30017097

Product Name	Product Code
Joint Pin	02620020
WS Tape 2 75 mm / 25 m	30015662
Gather Hook NN-10	00340187
Pleating Cord 80 mm 15 m	03490033
Pleating Cord 60 mm 100 m	30018273

9

Ciero Mini

Ciero Mini's Unique Features

Compact curtain rail fitting on ceiling with direct attachment to complement window and fabric more beautiful.
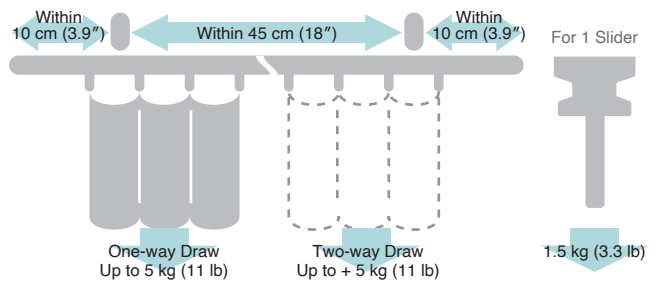**Curved rails are available.**

Lineup

Plain Cap

White

Black

Materials and Finishes

Parts		Material	Finish
Rail	White	Aluminum alloy extrusion material	Alumite white
	Black		Alumite black
Plain Cap	White	Nylon, Steel	White
	Black		Black
Slider	Plate	Copolyester resin	—
	Wheel	High sliding special polyethylene resin	—
	Oval ring	Stainless steel	—
Stop		Copolyester resin, Silicon rubber, Stainless steel	—
Joint	White	Stainless, PP resin	White
	Black		Black

Installation Interval and Allowable Curtain Load

Within 10 cm (3.9″)   Within 45 cm (18″)   Within 10 cm (3.9″)

For 1 Slider

One-way Draw
Up to 5 kg (11 lb)

Two-way Draw
Up to + 5 kg (11 lb)

1.5 kg (3.3 lb)

Installation Dimensions

*Only A Hook can be used.

Ceiling Attachment

Single

15 mm (.59″)
24 mm (.94″)
18 mm (.71″)

Double

15 mm (.59″)
24 mm (.94″)
42 mm (1.7″) or more
18 mm (.71″)

The distance between rails must be 60 mm (2.4″) or more *1

Cap

Plain Cap

Rail length   2 mm (.08″)   18 mm (.71″)
9 mm (.35″)
15 mm (.59″)
16 mm (.63″) *2
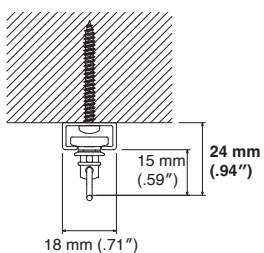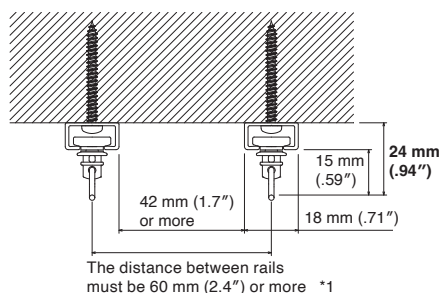
*1 Adjust according to the volume of the curtain.
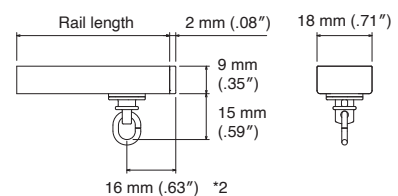
*2 When the stop is at the end.

Ciero Mini Rails
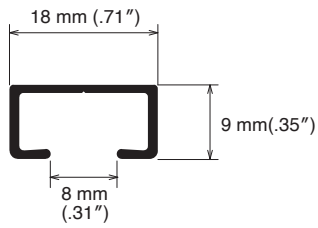
Size	Product Code	
	White	Black
1.00 m (39″)	30014732	30014736
2.00 m (79″)	30014733	30014737
3.00 m (118″); 1.5 m (59″) × 2	30017094	30017095
4.00 m (157″)	30016506	30016507

Installation Diagram

Curved Rail — R120 mm (R4.7″) / R180 mm (R7.1″)
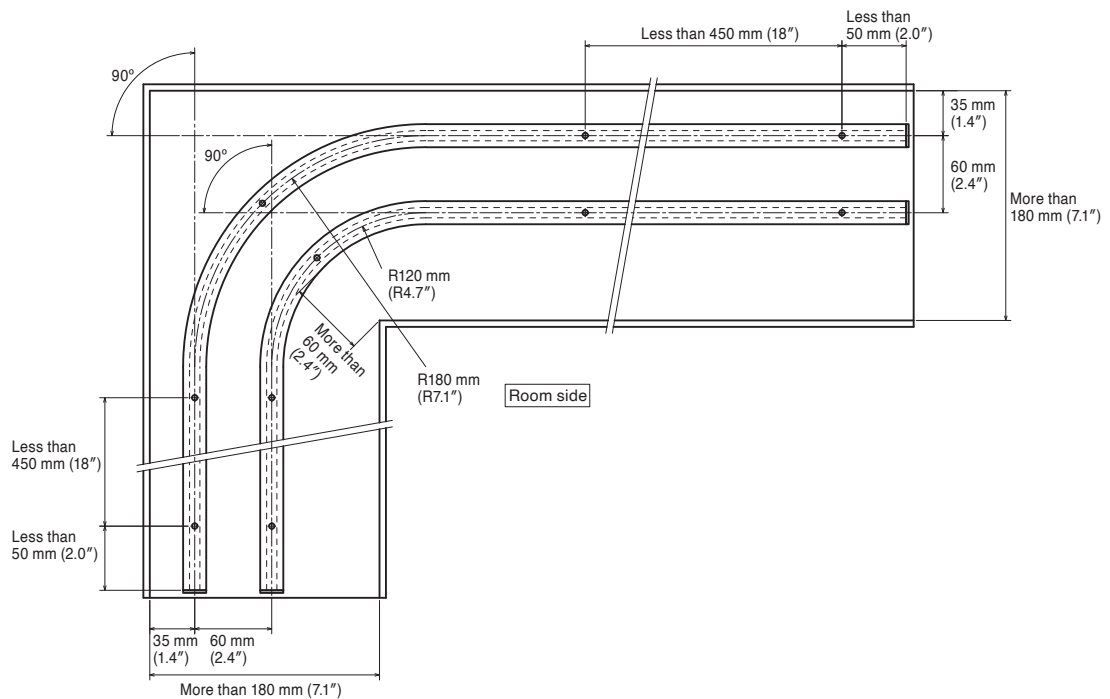
Ciero Mini Parts

	Product Name		Product Code
Caps	End Cap Square	White	30014755
		Black	30014756
Stop	Stop		30014757
Sliders	Slider (8 pieces per strip)		30014740
	MG Slider		30014741
	One-way MG Slider		30014742

	Product Name		Product Code
Others	Joint	White	30017096
		Black	30017097
	WS Tape 2 75 mm / 25 m		30015662
	Gather Hook NN-10		00340187
	Pleating Cord 80 mm 15 m		03490033
	Pleating Cord 60 mm 100 m		30018273

TOSO

Curtain Wand

To keep the Wave Style, the Ciero Series is available with a Curtain Wand that attaches to the leading MG Slider. It is easy to operate high curtains and thick/heavy curtains, and prevents stains and wrinkles because the curtain fabric is not directly touched.

Curtain Wand / White (steel)

SIAA▶ ISO 21702 **Anti Virus** Inorganic antiviral processing agent /printed Grip JP0612873X0004M

SIAA▶ ISO 22196 **Anti Bacteria** Inorganic synthetic antibacterial finishing agent /printed Grip JP0122873X0004I

54 mm (2.1″)
450 mm (18″)
700 mm (27″)
900 mm (35″)
1,200 mm (47″)
1,500 mm (59″)

φ8 mm (.31″)

80 mm (3.1″) Anti-virus and anti-bacterial processing

φ17 mm (.67″)

Materials	steel

Curtain Wand Product Code		
White	450 mm	30018973
	700 mm	30018974
	900 mm	30018975
	1,200 mm	30018976
	1,500 mm	30018977

Curtain Wand / Crear (resin)

SIAA▶ ISO 21702 **Anti Virus** Inorganic antiviral processing agent /printed Bottom of pole JP0612873X0005N

SIAA▶ ISO 22196 **Anti Bacteria** Inorganic synthetic antibacterial finishing agent /printed Bottom of pole JP0122873X0005I

54 mm (2.1″)
450 mm (18″)
700 mm (27″)
900 mm (35″)

φ10 mm (.39″)

130 mm (5.1″) Anti-virus and anti-bacterial processing

10 mm (.39″)

Materials	resin

Curtain Wand Product Code		
Clear	450 mm	30018978
	700 mm	30018979
	900 mm	30018980

Curtain Wand White and Clear are SIAA safety standards compliant for antiviral performance. It reduces the number of specific viruses on the product.

The SIAA mark is displayed on products that have been evaluated according to the ISO 21702 and ISO 22196 methods, and whose quality control and information have been disclosed under the Antimicrobial Product Technology Council guidelines.

Anti-virus processing
•This product is not a pharmaceutical product.
•It uses antiviral materials that meet the safety standards of SIAA.
•This product conforms to SIAA safety standards.
•Antiviral processing is not intended to treat or prevent diseases.

Antibacterial processing
•This product is not a pharmaceutical product.
•It does not inhibit the growth of all bacteria.
•This product uses antimicrobial materials that meet SIAA safety standards.

Curtain Wand / Gray (rope type)

54 mm (2.1″)

700 mm (27″)
900 mm (35″)

φ5 mm (.20″)

100 mm (3.9″)

φ20 mm (.79″)

Materials	700	900
rayon	58 %	57 %
cotton	37 %	39 %
polyester	5 %	4 %

Curtain Wand Product Code		
Gray	700 mm	30018981
	900 mm	30018982

How to Use the Curtain Wand

Photo is the White (steel).

How to Install

MG Slider
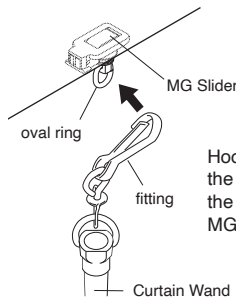
oval ring

fitting

Hook the fittings of the Curtain Wand to the oval ring of the MG Slider.

Curtain Wand

Approximate Curtain Wand Length

Rail height position	2,200 –2,400 mm	2,000 –2,200 mm
Wand length	900 mm	700 mm

*In case used by a person with a height of 155 cm

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