

Roller Shades

MANUAL · MOTORIZED · CUSTOM

CSI 12 24 13



Commercial roller shades, made in Edmonton.

Novo Blinds manufactures interior roller window shades for commercial, institutional and multi-family projects — fabricated in-house, installed by our own crews, and specified under CSI Section 12 24 13.

OPERATION

Manual · Motorized

ORIGIN

Edmonton, AB

SPEC

CSI 12 24 13

SYSTEM SPECIFICATIONS § 1.01

hardware · fabric · sizing

HARDWARE

TUBE Aluminum 6063 · 38–45 mm Ø

BRACKETS Stamped steel · ceiling / wall / inside

MANUAL Metal-gear clutch · #10 stainless chain

MOTORIZED Battery · USB-C solar · 110 V

MOUNT Inside · outside · ceiling

FABRIC & SIZING

COLLECTIONS Solar · Light-Filter · Blackout · PVC-Free

MAX WIDTH 120"

CASSETTE Square · Wrap · Smooth · Double

SIDE CHANNELS Available (light-block)

SPEC / SUBMITTAL CSI 12 24 13 · CAD · samples

WHY SPECIFY NOVO § 1.02

single-source manufacturer

01

Made in Canada

Fabricated and finished in our Edmonton facility — domestic supply, no import delays.

02

Single-Source

One manufacturer for fabric, hardware and install — single accountability and warranty.

03

Spec-Ready

CSI 12 24 13 spec, CAD details and shop drawings for your submittal.

04

Certified Fabrics

NFPA 701 & CAN/ULC-S109 fire-rated; GREENGUARD Gold & Oeko-Tex on select lines.

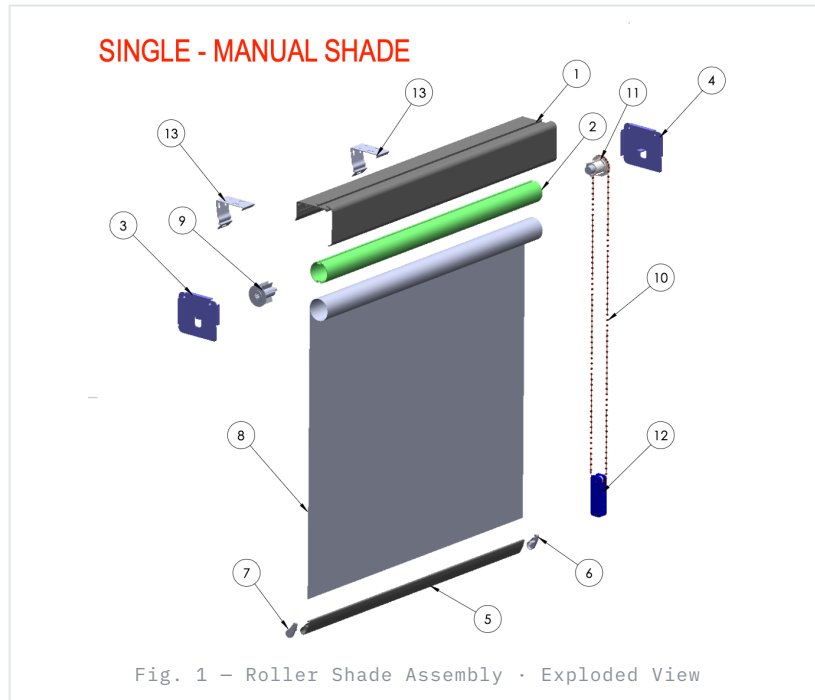
System & Assembly

DRAWING · HARDWARE

TECHNICAL

ASSEMBLY DRAWING § 2.01

exploded view · for reference only



#	COMPONENT
1	Aluminum Cassette Fascia
2	38 mm Heavy-Duty Roller Tube
3	Metal End Cap — Left
4	Metal End Cap — Right
5	Bottom Rail / Hem Bar
6	Bottom End Cap — Right
7	Bottom End Cap — Left
8	Roller Fabric
9	Idler
10	Metal Bead Chain
11	Geared Clutch (38 mm core)
12	Chain Tensioner
13	Mounting Bracket

TUBE & HARDWARE DETAIL § 2.02

aluminum 6063 · metal clutch

COMPONENT	MATERIAL / ALLOY	Ø / PROFILE	WALL
Standard tube	6063-T6 · single groove	38 mm	1.0 mm
Medium-duty tube	6063-T6 · double groove	40 mm	1.2 mm
Heavy-duty tube	6063-T5 · reinforced	45 mm	2.4 mm
Cassette / fascia	6063-T5 extrusion	Square·Wrap·Smooth·Double	1.0–1.3 mm
Hembar	6063 aluminum	36 × 28.5 mm	—

Clear-anodized tube, L/700 max deflection. Metal-gear clutch (no plastic gears). Fabric attached by welded vinyl spline in tube groove — field-replaceable, no adhesive/staples/rivets. Coupling joins up to four inline rollers on one drive. Per Section 12 24 13.

Fabric & Compliance

FAMILIES ·

SPECIFICATIONS

STANDARDS

FABRIC COLLECTIONS § 3.01

four families · custom-cut to opening

FAMILY	COMPOSITION	OPENNESS	WEIGHT	MAX W	BEST FOR
Solar Screen	Fiberglass / polyester blend	1% · 3%	380–471 g/m ²	120"	Glare control with view-through
Light Filtering	Polyester (PVC-free)	Translucent	~330 g/m ²	118"	Soft diffused daylight · privacy
Blackout	Polyester · foam-coated / weave	0% (100% block)	406–500 g/m ²	118"	Bedrooms · media · hospitality
PVC-Free	Polyester (PVC-free)	Varies	Varies	118"	LEED · sensitive environments

Family-level & preliminary — confirm exact openness, weight and width per fabric before issue to consultant.

STANDARDS & CERTIFICATIONS § 3.02

applicable to specific fabrics

NFPA 701	CAN/ULC-S109	ASTM E84	ASTM G21	ASTM E2180
WCMA A100.1-2022	SOR/2019-97	GREENGUARD Gold	Oeko-Tex 100	
ASHRAE 74073				

Fabrics can be specified to any of the above standards. Specific certifications vary by fabric — confirm the applicable codes for your selection.

FIRE & SAFETY

Fabrics pass **NFPA 701** (small & large scale) and **CAN/ULC-S109** flame tests. All shades comply with **ANSI/WCMA A100.1-2022** and Health Canada **SOR/2019-97** corded-product safety.

HEALTHY & SUSTAINABLE

GREENGUARD Gold (low chemical emissions) and **Oeko-Tex 100** on select fabrics; antimicrobial "no growth" options per ASTM G21 / E2180 for healthcare & education.

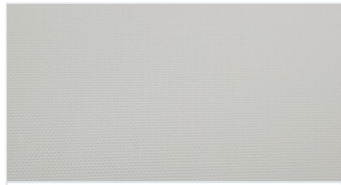
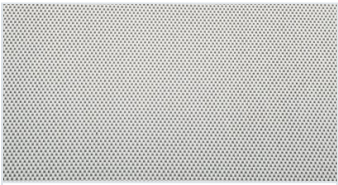
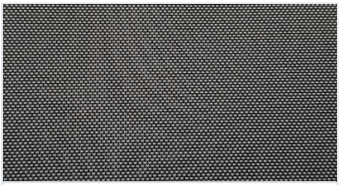
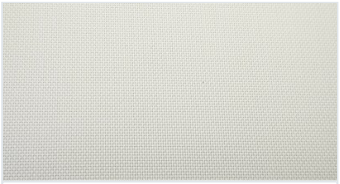
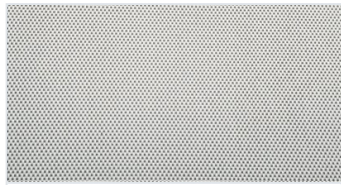
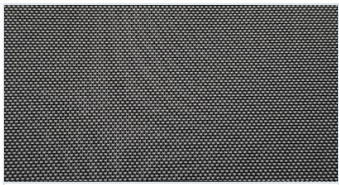
Solar Screen

SCREEN WEAVE · 1% & 3%

FABRICS

SOLAR SCREEN FABRICS \$ 4.01

solar screen · glare control with view

 SCREEN WEAVE 1% Pure White 1%	 SCREEN WEAVE 1% White 1%	 SCREEN WEAVE 1% Light Grey 1%	 SCREEN WEAVE 1% Dark Grey 1%
 SCREEN WEAVE 1% Black 1%	 SCREEN WEAVE 3% Pure White 3%	 SCREEN WEAVE 3% White 3%	 SCREEN WEAVE 3% Cream 3%
 SCREEN WEAVE 3% Light Grey 3%	 SCREEN WEAVE 3% Dark Grey 3%	 SCREEN WEAVE 3% Black 3%	

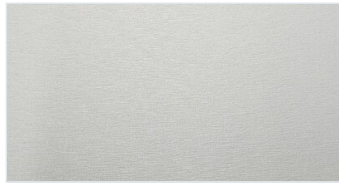
Light Filtering

FOLIATE · LINEN · PVC-FREE

FABRICS

LIGHT FILTERING FABRICS \$ 5.01

translucent · soft daylight & privacy



FOLIATE

White

LIGHT FILTERING



FOLIATE

Ivory

LIGHT FILTERING



FOLIATE

Grey

LIGHT FILTERING



LINEN

White

LIGHT FILTERING



LINEN

Beige

LIGHT FILTERING



LINEN

Foggy Grey

LIGHT FILTERING



LINEN

Dark Tan

LIGHT FILTERING

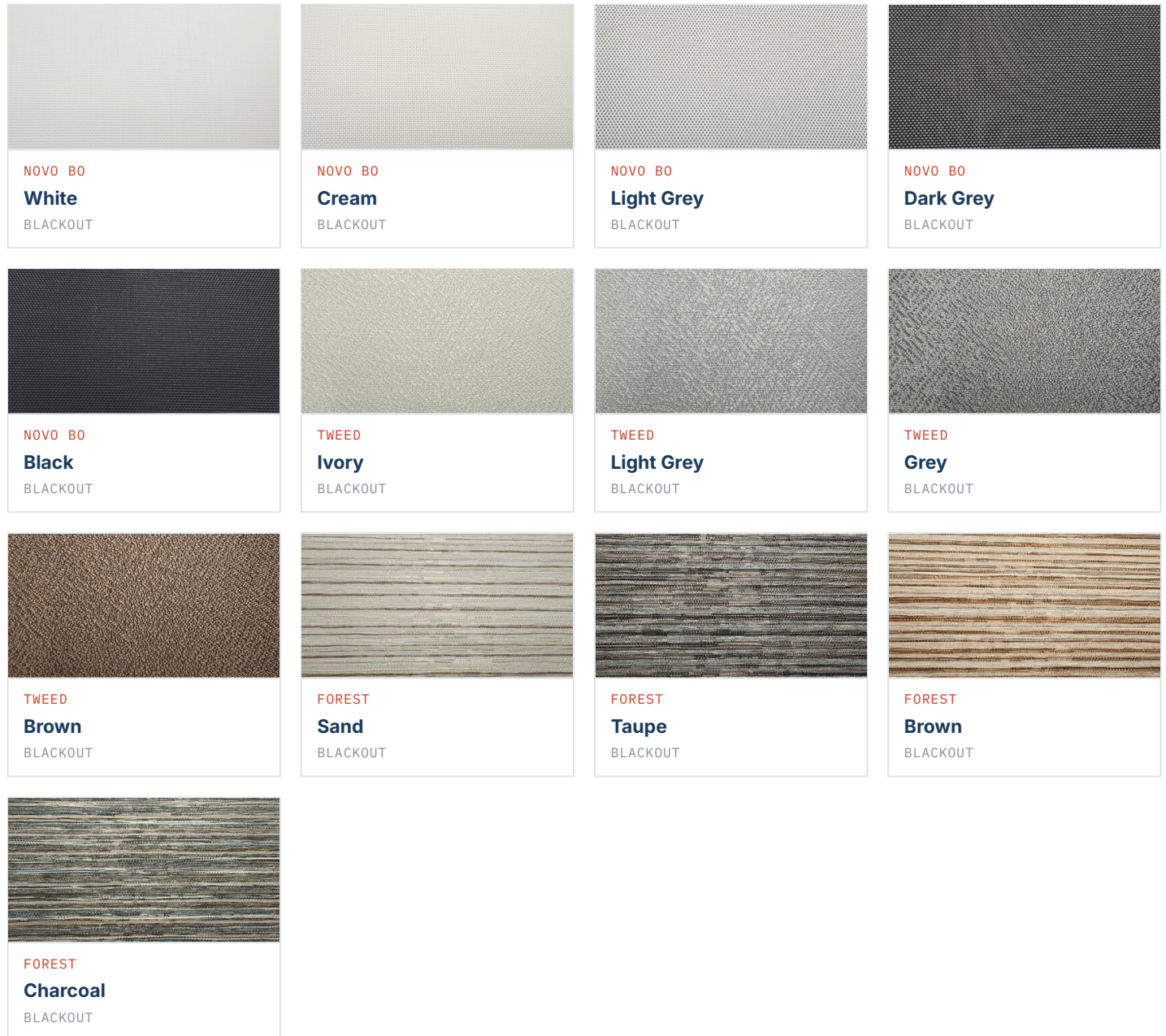
Blackout

NOVO BO · TWEED · FOREST

FABRICS

BLACKOUT FABRICS \$ 6.01

100% room darkening



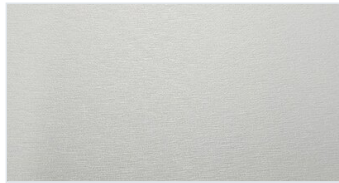
Blackout

FOLIATE BO · LINEN BO · PVC-FREE

FABRICS

BLACKOUT FABRICS \$ 6.02

100% room darkening · PVC-free



FOLIATE BO

White

BLACKOUT



FOLIATE BO

Ivory

BLACKOUT



FOLIATE BO

Grey

BLACKOUT



LINEN BO

White

BLACKOUT



LINEN BO

Beige

BLACKOUT



LINEN BO

Foggy Grey

BLACKOUT



LINEN BO

Dark Tan

BLACKOUT

Options

MOTORIZATION · DUAL SHADES

ALSO AVAILABLE

MOTORIZATION § 7.01

commercial-grade smart motors



POWER

Battery · USB-C solar · 110 V

CONTROL

Multi-channel remote · hub

INTEGRATION

BAS / BMS compatible

COORDINATION

Division 26 for hardwired runs

Tubular motors sized with a 30% safety factor and quiet operation. Battery and solar options avoid wiring on retrofit projects.

DUAL SHADES § 7.02

two shades, one headrail

SYSTEM

Dual shades on one headrail

PAIRING

Solar screen + blackout

CASSETTE

Double cassette (128.3 mm)

OPERATION

Independent chain or motor

A light-filtering or solar screen paired with a blackout on one bracket — glare control by day, full darkening at night. Ideal for bedrooms, hospitality and media rooms.



SPECIFY NOVO BLINDS

Novo Blinds · 9620 62 Ave NW, Edmonton, AB T6E 0E2 · Sales **780-245-0190** · contact@novoblinds.ca · novoblinds.ca

CSI Section 12 24 13, CAD details & project samples available on request.

50+ additional roller fabrics available on request.