



RADIANCE
FABRIC LIGHTBOXES

BY MOSS





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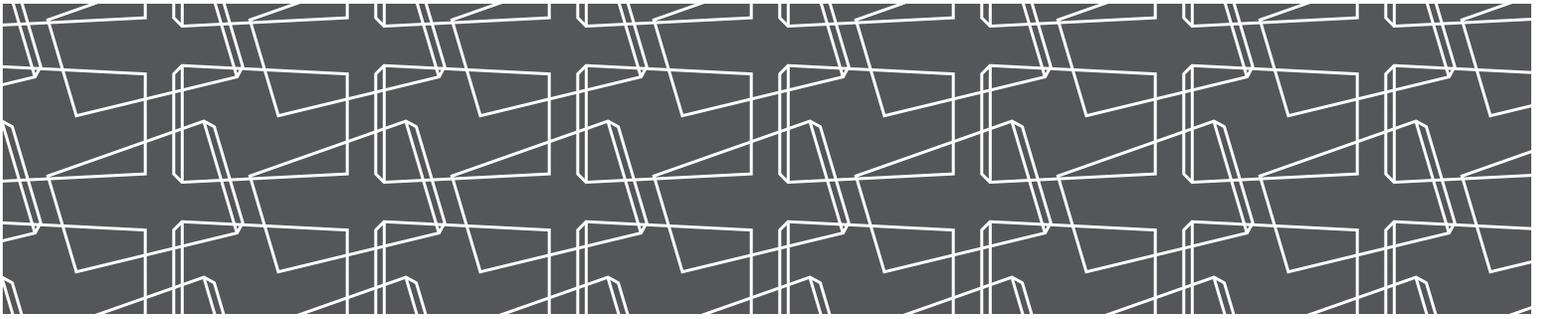
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Moss Radiance™ is a comprehensive line of spectacularly brilliant bezel-free indoor fabric lightboxes. These sleek and bright lightboxes combine proprietary lighting technologies and framing for solutions that are easy to install, economical to operate and offer bold displays of powerfully illuminated graphics. Radiance lightboxes are ETL-Listed  in meeting UL Standards for safety.



Radiance Fabric Lightboxes™



Whether you need a singular massive lightbox or scores of smaller ones, Moss provides an unparalleled range of efficient solutions that ship compactly, require minimal assembly and offer fast graphic change-out. Our lightweight fabric graphics and frame technologies reduce shipping costs and are unsurpassed in ease of installation. With lightbox thicknesses ranging from 33mm to 200mm double-sided, our standard and custom solutions meet every need, from space-saving slim designs to centerpiece lightboxes that energize and encompass entire walls.

FABRIC GRAPHICS

Our sharply vivid Photo Fabric® graphics create dramatic visual impact. Ten-foot seamless graphic widths allow extreme sizes for bold backlit vibrancy. Moss's industry-leading dye-sublimation printing offers a rich, glare-free viewing experience from any angle.



Radiance Fabric Lightboxes™



LIGHTING OPTIONS

Moss's three LED lighting technologies all set the scene with edge-to-edge brightness, no unsightly bezel, and fast or no assembly. Each is energy efficient, rated for 50,000 hours of life, and produces bright white light. Brilliance has never been easier.

▶ WebBright™

Our specially-developed WebBright LED lattice ships in a compact roll and quickly snaps into place for fast assembly. It's the perfect combination of excellent light uniformity and versatility.

▶ Illuminedge™

Illuminedge perimeter LED modules are integrated into framing, providing value with fast, trouble-free setup and the most budget-friendly solution.

▶ Edge Lit

Edge Lit LED acrylic panels feature custom grid patterning according to lightbox size, delivering unsurpassed light uniformity in the slimmest of solutions. Edge Lit lightboxes ship whole and are produced in sizes to a maximum of 4' x 10'.

Note: Moss recommends using one lighting type in side-by-side applications.



Radiance Fabric Lightboxes™



FRAMES

Moss Radiance Lightbox extrusions are engineered for strength, lightness and simple installation to give you the most vibrant and time-saving lightbox solutions. Multiple display options allow wall-mounted, ceiling-hung or self-standing applications.

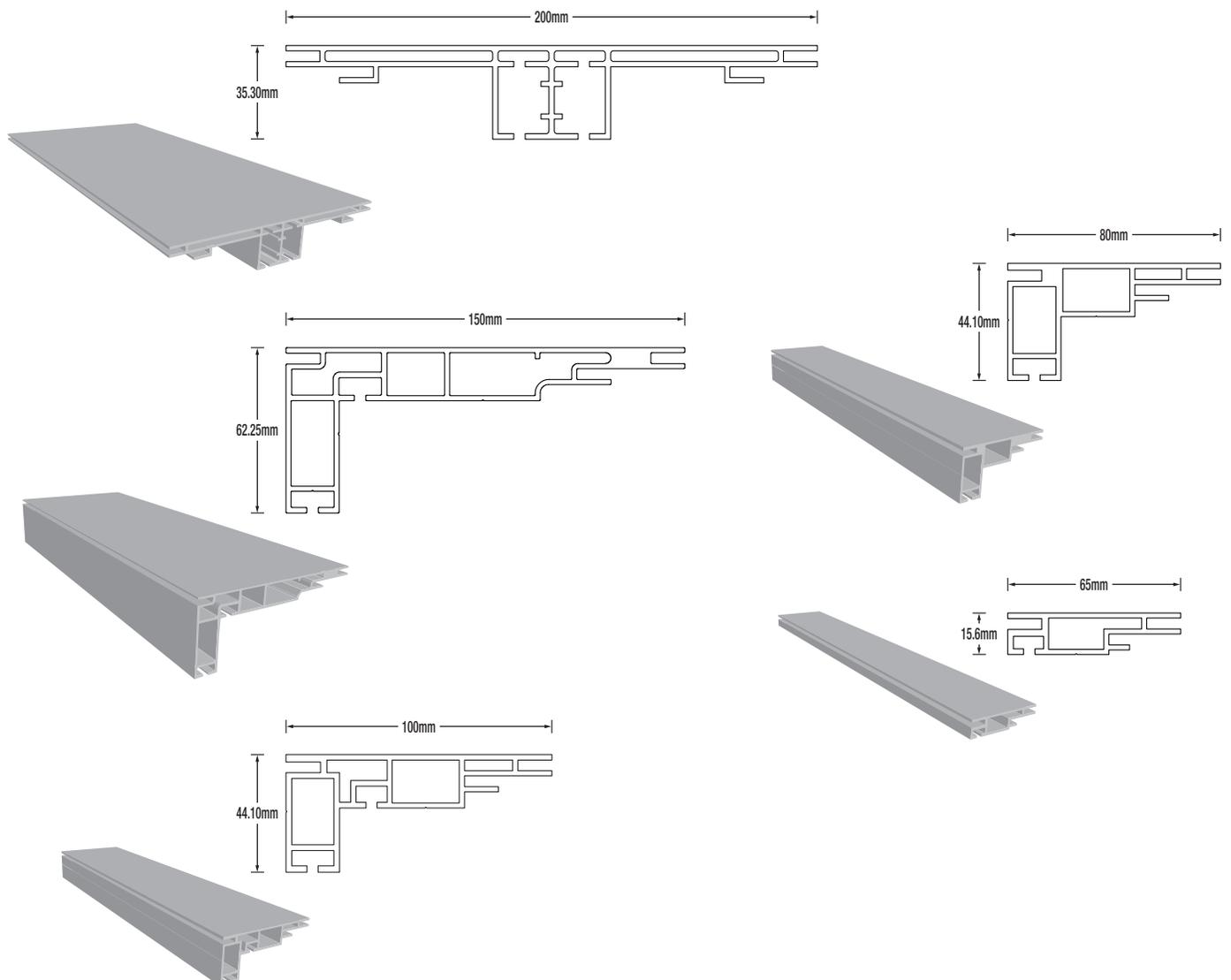




Available in Single-sided 65mm, 80mm, 100mm, 150mm and also 200mm Double-sided extrusion thicknesses.

- ▶ LED WebBright™ lattice developed exclusively by Moss® for excellent light uniformity.
- ▶ Non-rectangular shapes possible.
- ▶ LED WebBright lattice rolls assembled for compact shipping.
- ▶ External dimming control available.
- ▶ LEDs last twice as long and use half the power of fluorescent light blankets.
- ▶ Bezel-free framing for edge-to-edge graphics.
- ▶ Energy efficient green solution, only uses 5.28 watts per square foot.
- ▶ LED life expectancy of 50,000+ hours.
- ▶ Scalable sizing, seamless graphics up to 10ft x 30ft.
- ▶ LED lattice strips are replaceable for easy field maintenance.
- ▶ 2 year warranty on LED WebBright lattice.

FRAME



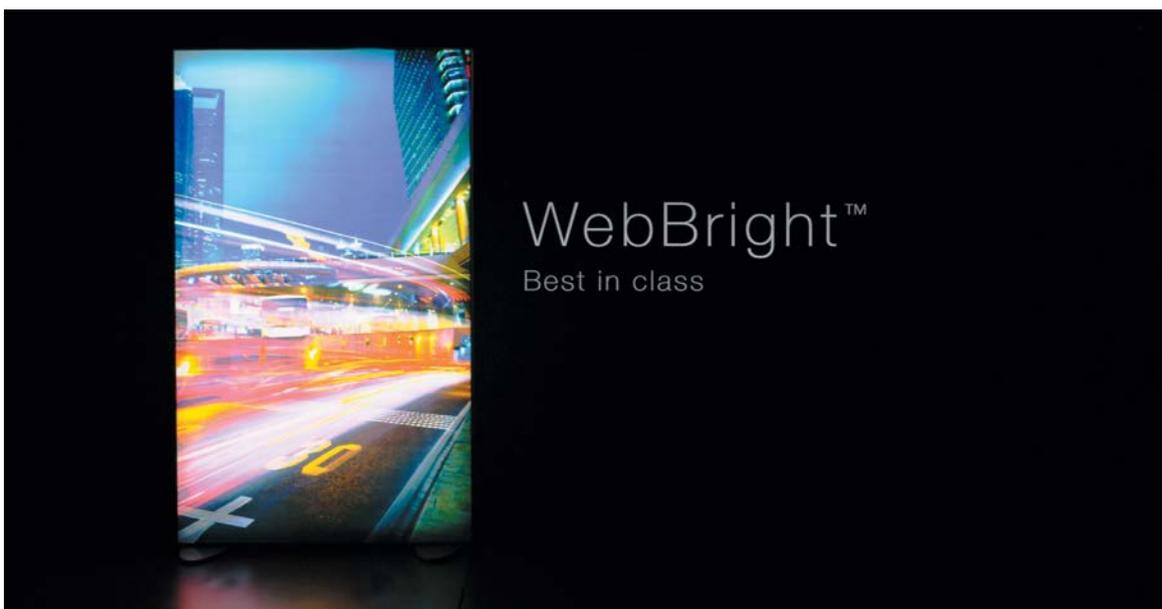


LIGHTING



Rolled for shipping

FABRIC COMPONENTS

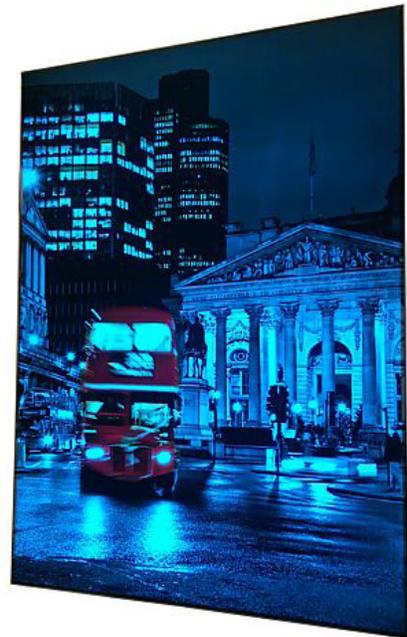
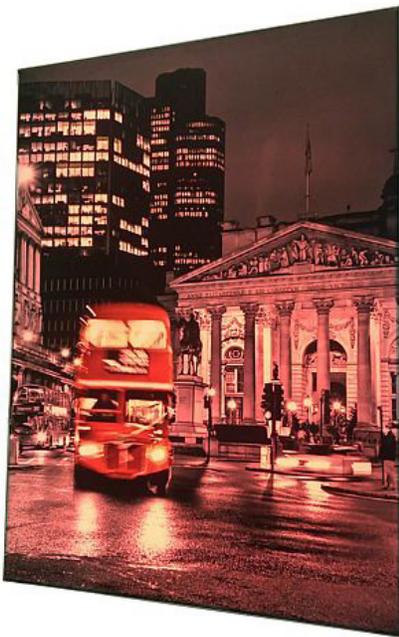


RGB WebBright™ 150mm



Custom-sized RGB WebBright 150mm lightboxes boldly illuminate your graphics with dynamic color and can be programmed to hold single colors or cycle through programs up to 10 colors.

- ▶ Create a strong sense of motion in your graphic image utilizing between 1-10 colors of your choice.
- ▶ Design effects and control fade, flash, sequence speed and brightness.
- ▶ Excellent light and color uniformity.
- ▶ Installation options include self-standing, ceiling-hung or wall-mounted.
- ▶ 10ft x 30ft seamless graphics for extra-large lightbox solutions.
- ▶ Easy programming ability even for non-technical users with basic and advanced remote control features.
- ▶ Remote control operated with "color wheel" color selection.
- ▶ RGB controllers and all components UL-approved.
- ▶ Single-sided.
- ▶ Internal power supply.
- ▶ Comes with LED lattice rolled for shipping - simply snap the lattice to the frame.
- ▶ Energy efficient LEDs have life expectancy of 50,000+ hours.

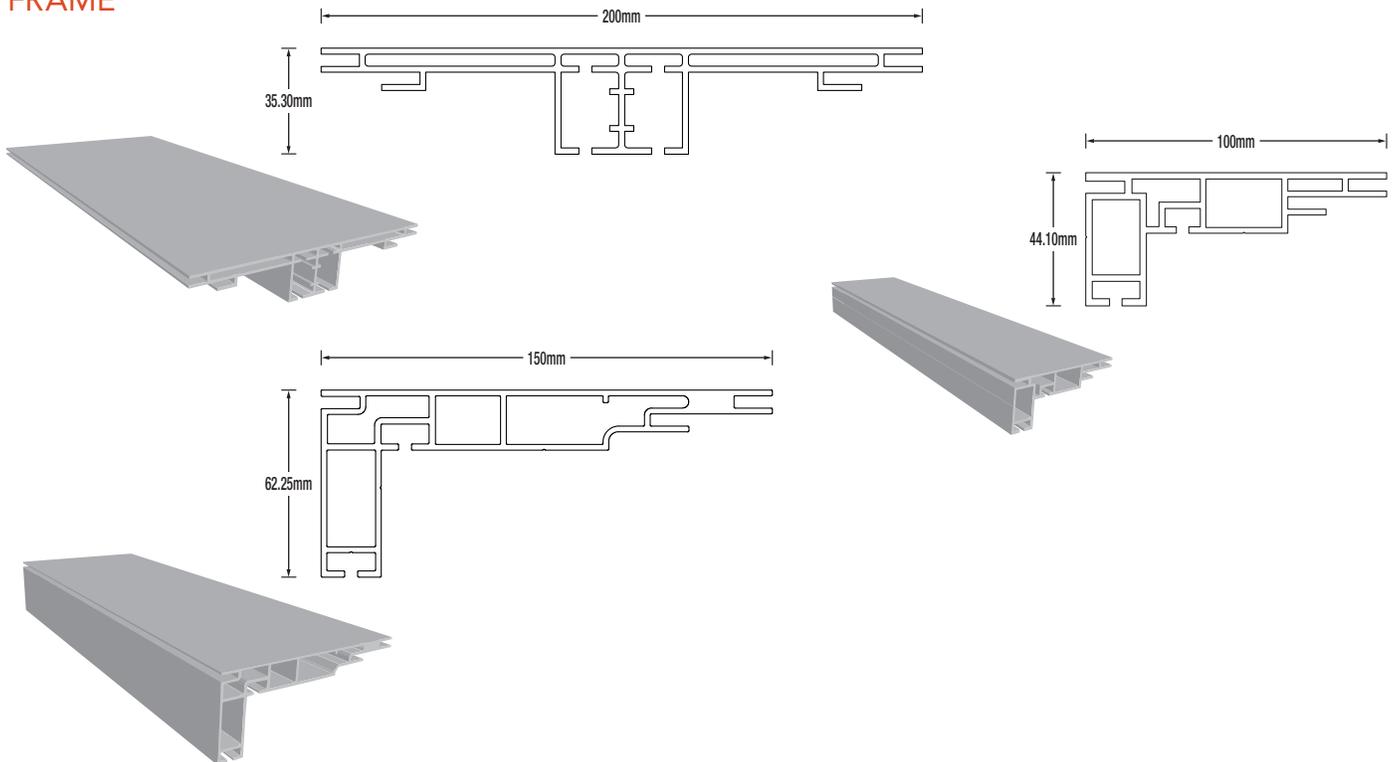




Available in Single-sided 100mm, 150mm and also 200mm Double-sided extrusions.

- ▶ Lowest purchase price, best budget friendly Moss Radiance™ solution.
- ▶ Perimeter LED Modules integrated with frame for shipping.
- ▶ Plug and play simplicity.
- ▶ Bezel-free framing for edge-to-edge graphics.
- ▶ Scalable sizing, seamless graphics up to 10ft x 30ft.
- ▶ Easy field maintenance with replacement module strips.
- ▶ Energy efficient green solution, only uses 7 watts per square foot.

FRAME



LIGHTING



Note: Light uniformity and brightness varies based on the size of the lightbox.



FABRIC COMPONENTS



FLOATING SHELVES

Available as part of Moss's Floating Accessories™, Floating Shelves provide a clean, modern merchandising and display solution for lightboxes. Employing strong hidden magnets and clear acrylic shelving, the Moss Floating Shelf system beautifully maximizes the aesthetics of the backlit graphics and products displayed, while minimizing visibility of the fixture system. For use with Illuminedge single-sided lightboxes.



For additional Information and Specifications on Floating Shelves see page 18.



Curved Illuminedge™ 100mm



Custom-sized single-sided lightboxes feature visually interesting horizontal or vertical custom curves. Horizontal curves showcase either concave or convex backlit graphics while vertical curves showcase unique symmetrical shapes or eye-catching asymmetrical flair.

- ▶ Vertical curve minimum bend radius: 24" convex, 84" concave.
- ▶ Vertical curve lightboxes can utilize new Moss Floating Shelves for sleek lightbox merchandising.
- ▶ Horizontal curve minimum bend radius: 72" convex, 48" concave.
- ▶ Maximum 8' height for horizontal curve lightboxes.
- ▶ Illuminedge perimeter LEDs deliver high-quality, uniform bright light at 6,000° Kelvin.
- ▶ Options for self-standing, ceiling-hung or wall-mounted applications.
- ▶ Internal power supply.
- ▶ Welded-corner construction.
- ▶ Precise fit and ultra-detailed graphics on Moss Curved Glow and other backlit fabrics.



◀ Horizontal Curves



▲ Vertical Curves

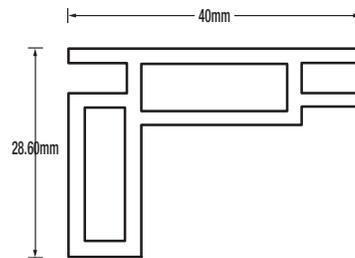
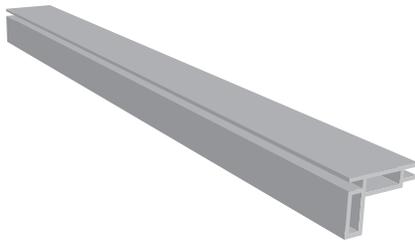
Edge Lit



Available in 40mm extrusion; 33mm available in stock sizes.

- ▶ Thinnest possible Moss Radiance™ Lightbox solution.
- ▶ Non-rectangular shapes possible.
- ▶ Best overall light uniformity achieved by custom grid patterning according to lightbox size.
- ▶ Available up to 4ft x 10ft maximum size.
- ▶ LED Edge Lit ships whole, no assembly required, just install graphics.
- ▶ Ideal for long term use or where thin lightbox is needed.
- ▶ Bezel-free framing for edge-to-edge graphics.
- ▶ Integrates with 40mm Moss Groove™ systems.
- ▶ Most energy efficient & lowest cost to operate, uses only 5 watts per square foot.
- ▶ LED life expectancy of 50,000+ hours.
- ▶ Achieve double-sided graphics by welding two extrusions back-to-back.
- ▶ LED Edge Lit acrylic panel can be replaced for field maintenance.
- ▶ 2 year warranty on LED Edge Lit panel.
- ▶ External power supply.

FRAME



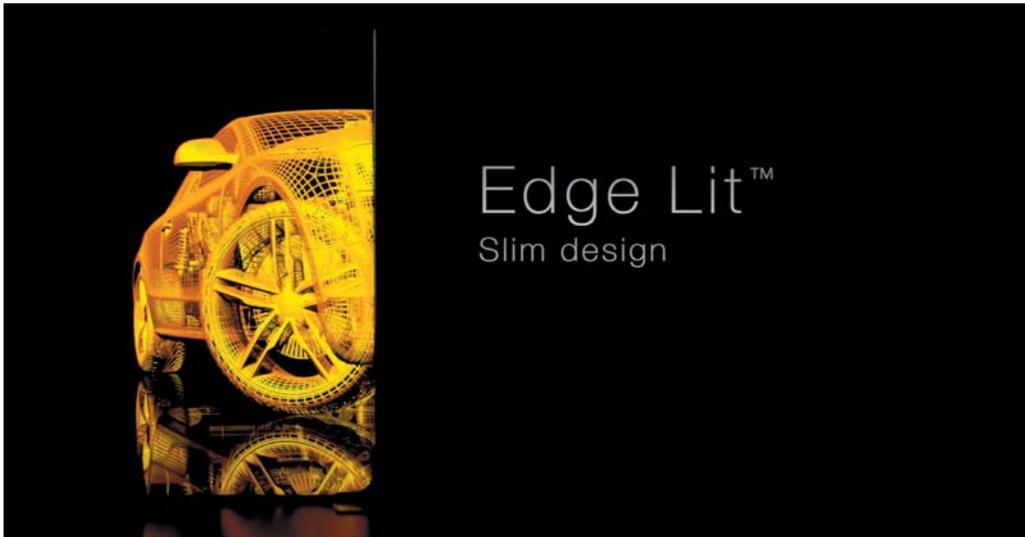
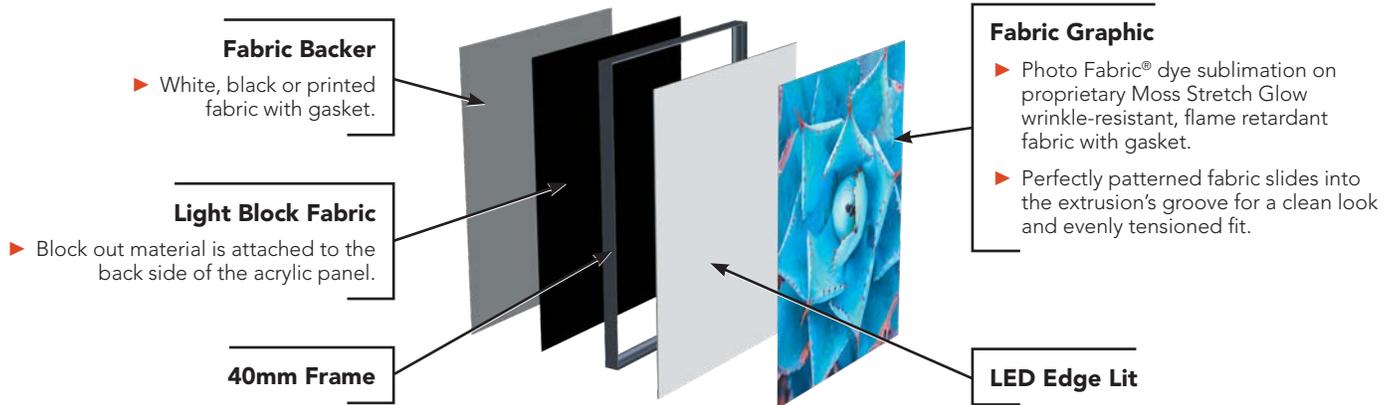
LIGHTING



Edge Lit



FABRIC COMPONENTS



Color Wash Wall



Sleek LED lighting feature adds elegant energy with affordability, portability and easy assembly.

- ▶ Easily create more than 4,000 colors of light using the remote control; save 8 colors to memory for later use.
- ▶ Elegant Color Wash created with cost-effective RGB perimeter LED modules.
- ▶ 16 pre-programmed color sequences create a dynamic, attention-getting environment.
- ▶ Construct 120® framing is sleek, modern and fast-assembling; integrated Pull-Tite® Locks have no small, loose parts.
- ▶ Available in standard sizes or add Color Wash LED Lighting to your custom Construct 120 structure.
- ▶ Color programming is simple, even for non-technical users.
- ▶ Standard and custom size complete package includes frame, pre-installed RGB LED lights, RGB controller, pre-installed internal power supply and fabric graphics.
- ▶ Single-sided.



Moss Radiance™ Lightboxes are simple to install, use energy-efficient LED lighting and are backed by a 2-year warranty. In addition, all lightboxes offer these features:

- ▶ **Fast or no frame assembly.** Quick-turn Moss Groove™ tension locks and pre-assembled options.
- ▶ **True white color.** 6000 K LED bulbs provide the whitest whites.
- ▶ **Long life.** Increased life expectancy with 50,000 hour LEDs.
- ▶ **Multiple mounting options.** Wall hanging cleats, floor standing base plates and ceiling hanging hardware.
- ▶ **Easy field maintenance.** LED and Edge Lit panels can be easily replaced.
- ▶ **Easily changeable graphics.** Simple Moss Groove graphic change-out takes just seconds.



WebBright™



Illuminedge™



Edge Lit

▼ General

	WebBright™	Illuminedge™	Edge Lit
Recommended Use	100mm & 150mm perfect for freestanding solutions. 65mm & 80mm great for wall installation.	Budget-friendliest lightbox technology. 100mm excellent for space-saving applications and also used for curved & floating-shelf applications.	Ideal for bright thin-profile graphics and space-saving. Perfect for permanent installation due to low maintenance and highest-possible energy savings.
Key Attributes	Light uniformity: Excellent. Large sizes up to 10ft. X 30ft. Exclusive WebBright™ lattice rolls assembled for compact shipping. LEDs last twice as long and use half the power of fluorescent light blankets.	Light uniformity: Good. Lowest initial cost - 100mm is our lowest-priced lightbox. Pre-installed LED modules. 100mm recommended for lightboxes up to 8ft. X 8ft. 150mm recommended for lightboxes up to 10ft. X 30ft.	Light uniformity: Best. Most energy-efficient, yielding lowest cost of operation. Integrates with 40mm Moss Groove. Maximum size 4ft. x 10ft. Pre-installed LED acrylic panel.
Price	Purchase Price: \$\$	Purchase Price: \$	Purchase Price: \$\$
Packaging	Compact. LED lattice rolls for easy shipping.	LED lights stay affixed to frame.	Same size as finished product, LED acrylic panel ships whole.



WebBright™

Illuminedge™

Edge Lit

	WebBright™	Illuminedge™	Edge Lit
▼ Power	<p>Power Usage</p> <p>100mm = 7 watts per sq.ft.; 150mm = 5 watts per sq.ft.; 200mm DS = 14 watts per sq.ft.</p>	<p>Variable per size.</p>	<p>5 watts per sq.ft.</p>
▼ Power	<p>Power Supply</p> <p>Internal to lightbox for 150mm. Internal or external for 100mm. External for 65mm & 80mm.</p>	<p>Internal or external available.</p>	<p>External from lightbox.</p>
▼ Lighting	<p>Lighting Type</p> <p>Exclusive Moss WebBright™; fewer, brighter LEDs for 150mm; more LEDs in 100mm. Excellent uniformity.</p>	<p>Lowest cost LED module—exclusive Illuminedge Perimeter Modules fill space from perimeter for good light uniformity.</p>	<p>LED Edge Lit etched acrylic panels are custom grid-patterned for perfectly uniform light.</p>
▼ Lighting	<p>Weight (Lighting)</p> <p>.15 lbs./sq.ft. for 150mm; .25 lbs./sq.ft. for 100mm; .5 lbs./sq.ft. for 200mm DS.</p>	<p>.07 lbs./sq.ft. single-sided; .14 lbs./sq.ft. double-sided.</p>	<p>2.0 lbs./sq.ft.</p>
▼ Frame	<p>Scalability</p> <p>Very good. Lightboxes up to 10ft. x 30ft with seamless graphics.</p>	<p>Very good. Lightboxes up to 10ft. x 30ft with seamless graphics.</p>	<p>Extremely thin extrusion accepts a single light panel which can currently be no larger than 4ft. x 10ft.</p>
▼ Frame	<p>Depth</p> <p>200mm Double-sided, 150mm, 100mm, 80mm, 65mm.</p>	<p>200mm Double-sided, 150mm, 100mm.</p>	<p>40mm, 33mm.</p>
▼ Frame	<p>Weight (Frame)</p> <p>200mm = 2.13 lbs./linear foot; 150mm = 1.84 lbs./linear foot; 100mm = 1.13 lbs./linear foot; 80mm = 1.15 lbs./linear foot; 65mm = .65 lbs./linear foot.</p>	<p>200mm = 2.13 lbs./linear foot; 150mm = 1.84 lbs./linear foot; 100mm = 1.13 lbs./linear foot.</p>	<p>.72 lbs./linear foot.</p>
▼ Fabric	<p>Fabric Diffuser</p> <p>Not needed for 150mm; 100mm, 80mm, & 65mm all require a Moss Knit diffuser with gasket.</p>	<p>Not needed.</p>	<p>Not needed.</p>
▼ Fabric	<p>Light Block Fabric</p> <p>Block out Liner with Velcro.</p>	<p>Block out liner with Velcro.</p>	<p>Block out material.</p>

standard sizes

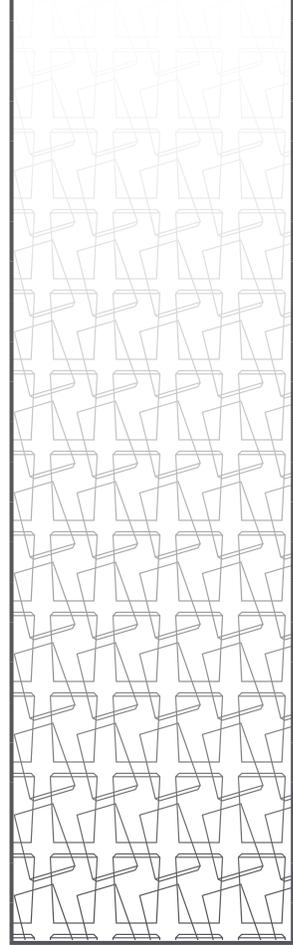
	ILLUMINEDGE			WEBBRIGHT		EDGE-LIT	COLOR WASH WALL
	100mm	150mm	200mm Double Sided	100mm	150mm	Single Side	
22" x 28"	✓					✓	
24" x 36"	✓			✓		✓	
26" x 36"	✓		✓		✓		
28" x 22"	✓		✓				
26" x 24"	✓						
26" x 48"	✓						
32" x 40"						✓	
36" x 26"			✓				
36" x 48"			✓				
36" x 60"	✓						
36" x 72"				✓			
36" x 96"			✓	✓	✓		
48" x 36"	✓		✓				
48" x 48"	✓		✓				
48" x 60"	✓		✓				
48" x 93"							✓
50" x 50"				✓			
50" x 96"				✓			
60" x 60"	✓		✓				
60" x 72"	✓		✓				
60" x 96"			✓				
64" x 96"				✓			
72" x 48"			✓				
72" x 72"	✓						
72" x 96"	✓			✓			
72" x 120"	✓		✓				
96" x 36"			✓				
96" x 39"					✓		
96" x 60"			✓				
96" x 93"							✓
96" x 96"		✓	✓		✓		
96" x 120"	✓	✓	✓	✓	✓		
96" x 144"	✓	✓	✓	✓			
120" x 93"							✓
120" x 96"	✓		✓	✓	✓		
120" x 144"		✓	✓				
144" x 93"							✓
144" x 96"		✓	✓				
144" x 120"		✓	✓				
192" x 93"							✓

THE FOLLOWING ARE CUSTOM SIZE ONLY:

- ▶ RGB150mm WebBright
- ▶ 65mm WebBright
- ▶ 80mm WebBright
- ▶ 200mm Double-sided WebBright
- ▶ Edge Lit Double-sided

ANY RADIANCE LIGHTBOX CAN BE CUSTOM SIZED.*

*Available standard sizes subject to change.



add your finishing touches

BASE PLATES

Add base plates to Moss Radiance lightboxes for free standing illuminated displays. Base plates are available in multiple sizes and configurations to stabilize and support any lightbox size.



Rectangular Base Plate

- ▶ 600mm x 125mm



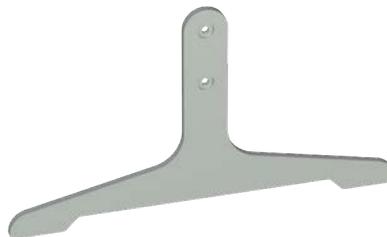
Oval Base Plate

- ▶ 500mm x 150mm



Free Standing Base Plate

- ▶ For use with 40mm Edge Lit lightbox only



HANGING

Moss Radiance lightboxes can be suspended from the ceiling or other structural supports by attaching eyebolts to the framing.



add your finishing touches

WALL MOUNT

To wall mount single sided Moss Radiance™ lightboxes, simply attach a Z-shaped cleat to the wall. Moss Radiance lightboxes can then be hung on the cleat, making for a quick and easy installation. For permanent installations and added security, cleats may also be fastened directly into the wall and extrusion.

Note: 200mm Double-sided Illuminedge is not wall-mountable.



INTEGRATION

For use with 40mm Edge Lit, which can be integrated with Moss Groove™ systems. Integrated Locking System requires a small channel groove on the exterior of Moss Radiance extrusion which then can be used to lock adjacent framing together.



- ▶ 40mm Moss Radiance for integration with 40mm Moss Groove™

FLOATING SHELVES

For use with Illuminedge™ Lightboxes. Floating Shelves easily create a clean, modern merchandising and display solution. The Moss Floating Shelf System beautifully maximizes the aesthetics of the graphics and products displayed while minimizing the visibility of the fixture system.

- ▶ Uses hidden magnets and clear acrylic shelving
- ▶ Stock 8 in. and 16 in. clear acrylic shelves with black or white hardware sleeve
- ▶ Custom shelf sizes, shelf shapes, acrylic colors and sleeve colors available
- ▶ Easily change and coordinate shelf placement for graphic effects
- ▶ Holds up to 15 lbs. per shelf, can be customized to hold more



you're ready to ship

Moss Radiance™ frames, graphics, and lighting were designed with easy shipping in mind. Simply disassemble frame and roll fabric components for compact shipping. For WebBright™, just roll the lattice for shipping. Cardboard and hard case options for packaging are available. Replacement graphics typically ship in a standard shipping envelope or small box!

Moss Radiance Shipping Box System

- ▶ Designed for overnight shipping
- ▶ Optional Hard case weighs 44 lbs.



Moss Radiance Shipping Wood Crate for Edge Lit Lightboxes

- ▶ Ships pre-assembled with LED Edge Lit panels installed in framing
- ▶ Replacement graphics ship in a standard shipping envelope or small box
- ▶ Box size: Made to fit lightbox



simple assembly

WEBBRIGHT™



1. Push frame pieces together.



2. Tighten locks.



3. Install lighting.



4. Install fabric components. Fabric graphics have a gasket that easily slides into the extrusion's groove.

ILLUMINEDGE™



1. Push frame pieces together.



2. Tighten locks.



3. Connect lights.



4. Install fabric components. Fabric graphics have a gasket that easily slides into the extrusion's groove.

EDGE LIT



1. Frame and LED Edge Lit acrylic panel ship pre-assembled.



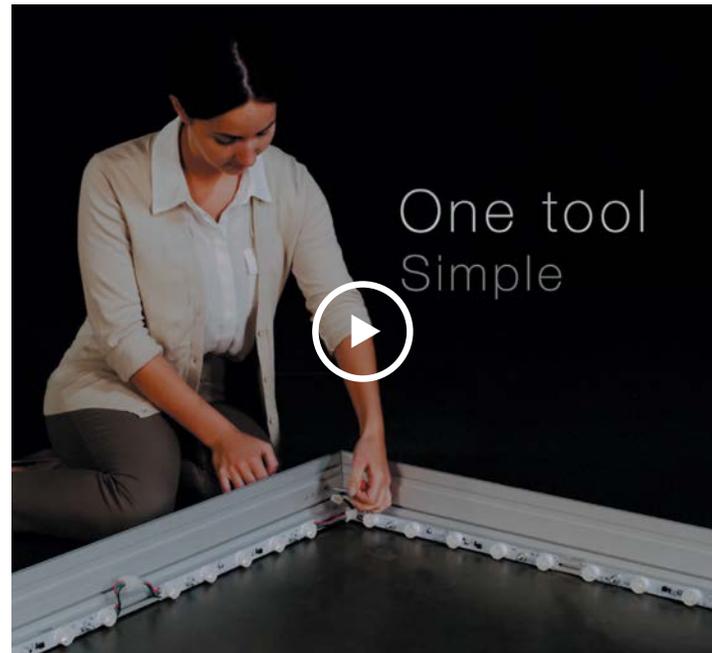
2. Install fabric components. Fabric graphics have a gasket that easily slides into the extrusion's groove.

VIDEO

See how easy it is to assemble Radiance Lightboxes. Click the Play Button at right or the link below.



<https://www.youtube.com/watch?v=onbu1-Uc0Lg>



contact us

MOSS EXHIBITS & EVENTS

2600 Elmhurst Rd
Elk Grove Village, IL 60007

1949 S. 4250 W.
Salt Lake City, UT 84104

800.341.1557

moss-exhibits.com
moss-events.com

MOSS SPORTS

2600 Elmhurst Rd
Elk Grove Village, IL 60007

800.341.1557

moss-sports.com

MOSS RETAIL & ENVIRONMENTS

2643 W. Chicago Avenue
Chicago, IL 60607

1949 S. 4250 W.
Salt Lake City, UT 84104

800.357.1784

mossretail.com

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