



Lightline™

A new movable wall system dedicated
to the enhancement of light.

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Furnishing Knowledge®

LIGHT TRAVELS THOUSANDS

OF MILES. WILL YOU INVITE IT IN?

WILL IT GROW YOUR IDEAS

AND ILLUMINATE YOUR DESIGN?

WELCOME ITS ARRIVAL.

BECAUSE WHEN YOU MAXIMIZE LIGHT,

IT REFLECTS BACK ON YOU.



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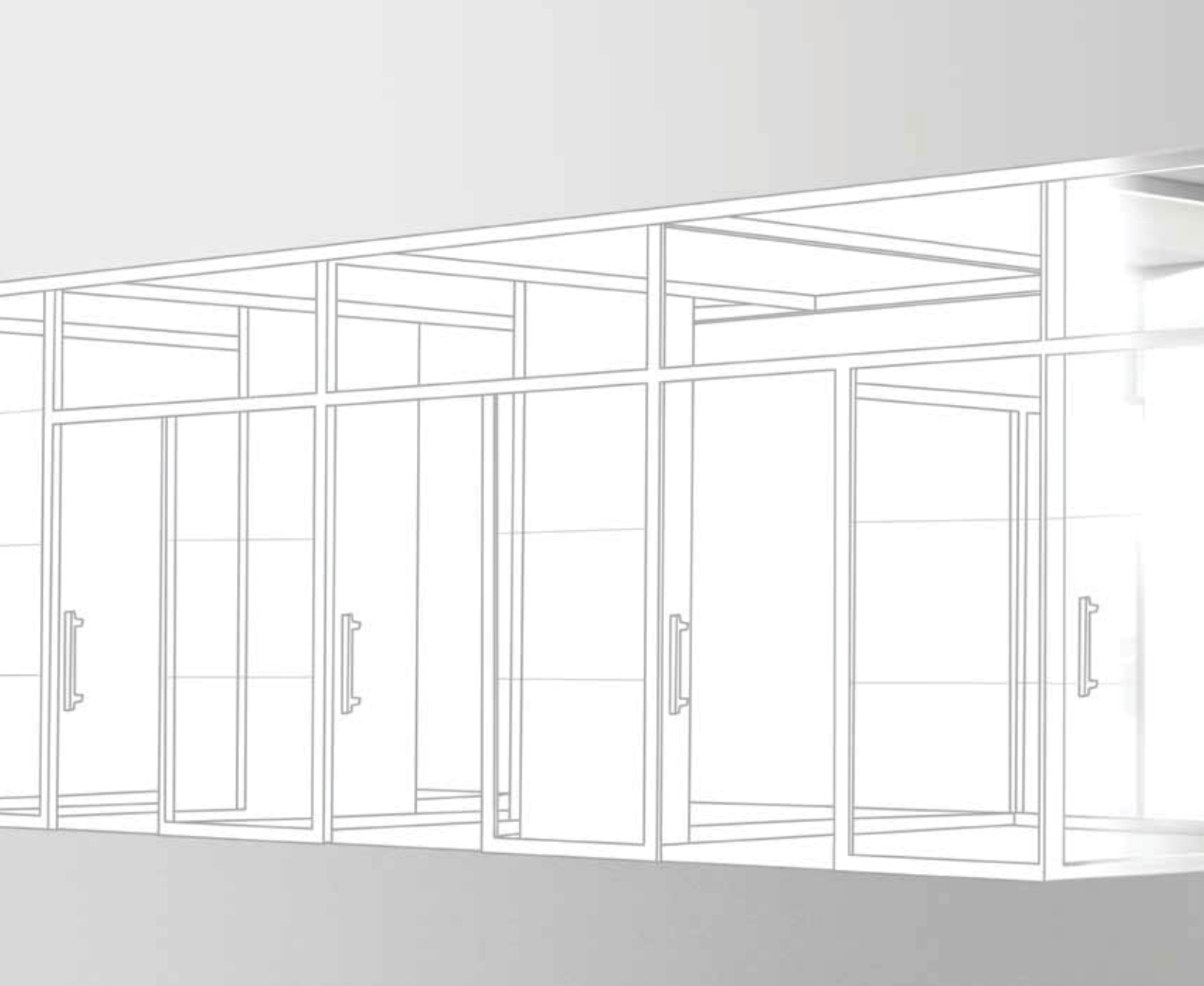
LIFE IS DRAWN TO **LIGHTLINE™**

www.southwestsolutions.com

Toll Free 1-800-803-1083

THE FUTURE OF MOVABLE WALLS. BEAUTIFULLY SIMPLE.

Traditional storefront solutions are labor-intensive and expensive. There's no denying that finished installations are often beautiful, but they come at a price: They cannot be relocated, and there is invariably material waste that negatively impacts the environment. KI now introduces an alternative that delivers the aesthetics of storefront, but in a movable wall solution.



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SIMPLY BEAUTIFUL.

Rather than being built on site, Lightline™ is fully assembled in our manufacturing facility to guarantee timely installation and less waste on site, saving you valuable time, money and environmental resources. The finished installation of Lightline offers stunning storefront applications with a timeless beauty that creates visual unification between architecture and furniture.



Lightline's seamless, unitized connections maximize natural lighting for brighter, more attractive spaces, which result in more efficient and productive environments. Most importantly, Lightline's unique ability to be specified with unlimited butt-glazing allows you to design spaces with no visual breaks, because Lightline panels don't require vertical posts, and its thinner, smaller rectilinear profiles practically go unnoticed.

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SEAMLESS, SIMPLE AND FLEXIBLE IN BOTH DESIGN AND INSTALLATION,
LIGHTLINE IS PROOF THAT LESS IS OFTEN MORE.

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DESIGNED FOR EVERY ENVIRONMENT.

DAYLIGHTING

Lightline's unitized butt-glazing allows for continuous glass panels without vertical support, maximizing the amount of daylight that flows into a space. This warms the interior environment, enhancing a sense of personal well-being and aiding worker productivity.

RECYCLABILITY

Lightline is made of highly recyclable materials, so it leaves a minimal environmental footprint at the end of its life cycle.

FEWER PARTS

The first rule of sustainability? Less is more. Lightline was engineered with simplicity in mind, and it can be constructed with only a few key components. Fewer parts in our movable wall system translate to fewer raw materials being used and less energy being spent during installation and reconfiguration.

HIGH AIR QUALITY

Designed for movability, Lightline can be installed easily and reconfigured with minimal dust, dirt or disruption.

Lightline also meets strict limits on chemical emissions and maintains high-quality levels of air circulation, which has helped it earn GREENGUARD® Children & Schools Certification.



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VERSATILE AND ADAPTABLE.

Lightline easily integrates with permanent construction or KI's Genius® movable wall offering. In fact, Lightline is the only fully unitized storefront product solution that can be moved easily and reconfigured without waste and with minimal labor.

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Lightline easily integrates with KI's Genius wall and other architectural elements.



Walls can measure up to 120" high and 48" wide per panel.



Versatile door offerings include sliding or pivot options in glass, wood or other substrates.



Corners require no reinforcement. Glass corners or three-way connections are standard options.

Numerous design options allow you to specify highly attractive environments that suit your specific needs. Lightline sheds light on possibilities never before seen in a movable wall system.



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Unitized butt-glazing between panels makes unsightly vertical posts unnecessary.



The 2" base thickness delivers a clean look, while durable 1/2"-thick tempered glass improves the STC rating.



Rectilinear profiles allow for more passive visuals, while minimalist proportions provide clean aesthetics.



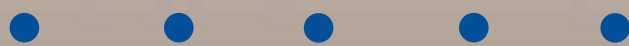
Lightline offers a wide range of adjustment options and features (see back cover) to maximize flexibility and reusability.



FROM CONFERENCE ROOMS TO
PRIVATE OFFICES, LIGHTLINE BRINGS BEAUTY
AND LIFE TO YOUR WORKSPACE.

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WE REMOVED THE POSTS.

WE REDUCED THE PROFILES.

WE SLIMMED THE PANELS.

WE ELIMINATED THE SEAMS.

BECAUSE MINIMAL

BARRIERS MAXIMIZE LIGHT.

AND LIFE IS DRAWN TO LIGHT.

SPECIFICATIONS

Lightline can be specified in a variety of dimensions, designs and finishes to create compelling, sophisticated and personalized spaces for any environment.

DIMENSIONS & DETAILS

Butt-Glass Panel Details

- Butt-glazed glass panel width: ranges from 12" to 48"
- Ceiling heights up to 120"
- Standard frame depth 2" at the base
- Vertical adjustment ranges as follows:
 - 2.5" base: +/- 0.25"
 - 3.25" base: +/- 0.625"
 - 4" base: +/- 1"
 - Ceiling channel: +/- 0.5"

Door Details

- Sliding and pivot-hinged door units are standard
- Soft stop (self-close) door options available
- Full height up to 108" and transom-height door units are standard
- Door leaf options include solid core, frameless safety glass and stile/rail-glazed options
- KI offers standard hardware options; other hardware options may also be used

Supplemental Details

- Excluding door frames, Lightline glass panels offer unlimited butt-glazing capabilities (no vertical posts)
- Starter posts can integrate with flush (preferred) and non-flush permanent walls or with KI's Genius® movable wall

Testing and Approvals

- GREENGUARD® Children & Schools Certified
- Meets Glass Association of North America (GANA) standards: GANA recommends 1/2"-thick glass for ceiling heights above 96" to 120", and Lightline uses 1/2"-thick glass in the construction of the top and bottom framed butt-glazed glass partitions

COMPONENTS & MATERIALS

Aluminum Extrusions

- Ceiling track, 3" ceiling trim, and 2.5", 3.25" and 4" base
- Architectural grade and structural aluminum alloys

Finishes

- Clear anodized aluminum (8-minute-etch standard)
- Powder-coated aluminum in 46 standard colors
- Custom color matches (client approval required)

PVC Components

- Butt-glazing seal (dry joint)
- Hidden connection parts or seals

Glass Components

- Butt-glazing standard glass 1/2" (12mm) clear tempered
- 1/2" tempered glass yields a 36 STC (Sound Transmission Class) rating
- 1/2" tempered glass weight is approximately 6.4 lbs/sq ft.
- Patterned glass film options (as shown on the front cover illustrating horizontal mullions) are field-applied

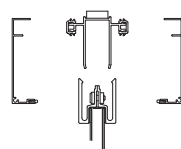
Base Assembly Details

- Overlapping aluminum base
- Steel leveler assembly with vertical adjustment
- Non-damaging carpet gripper screws
- Two-sided tape for hard flooring

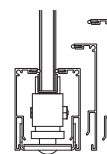
Ceiling Track Assembly

- U-shaped extruded aluminum ceiling track with free-float adjustment secures to the top of the panel. The connection between track and ceiling is sealed with a gasket.
- Ceiling trim's unique design minimizes shadow reveal line at the ceiling when working with ceiling grid unevenness.
- Ceiling channel is secured with non-damaging caddy clip connections. Weight of system is dispersed to the floor; no extra blocking or structural support is required above the ceiling unless required by code.

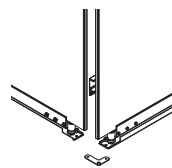
Ceiling Detail



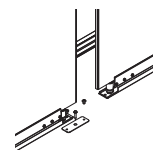
Base Detail



Corner Detail



In-Line Detail



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Printed on FSC® certified paper, using only vegetable-based inks, including metallics. Please recycle.

To learn more about how you can bring life to your space with Lightline, visit ki.com/lightline or speak with a dedicated wall specialist at 1-800-424-2432.

Learn more about Lightline



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