Lightline®
Architectural Wall

A movable wall system dedicated
to the enhancement of light.

SOUTHWESTSOLUTIONSGROUP

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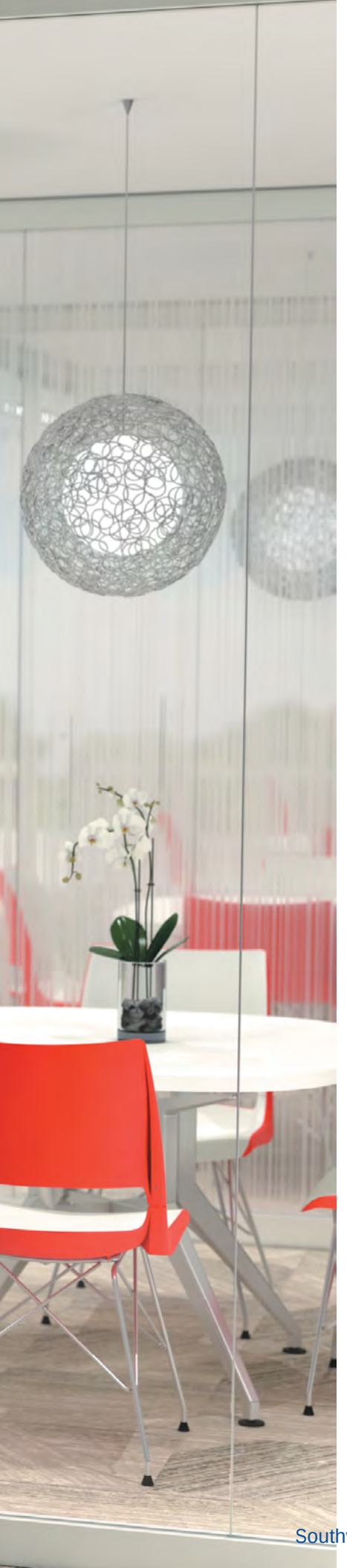

LIFE IS DRAWN TO LIGHTLINE

Light travels millions
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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BEAUTIFULLY SIMPLE

KI offers an alternative to traditional stick-built storefront in a beautifully simple, highly adaptable architectural wall solution. Rather than being built on site, Lightline® architectural walls are fully assembled in our manufacturing facility to guarantee timely installation requiring 50 percent less labor and leaving virtually no waste, 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.

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Seamless, simple and flexible in both design and installation, Lightline is proof that less is often more.

SIMPLY BEAUTIFUL

Lightline's seamless connections maximize natural lighting for brighter, more attractive spaces, which result in more efficient and productive environments. Lightline's unique ability to be specified with unlimited runs of butt-glazed glass allows you to design spaces without visual breaks from unsightly vertical posts. Lightline also features thinner, smaller rectilinear profiles which practically go unnoticed.

VERSATILE AND ADAPTABLE

To help you plan for the future, Lightline walls are designed with a minimal kit of parts which makes them easy to move or reconfigure when needed. In addition, Lightline blends beautifully with permanent construction or our Evoke® and Genius® architectural walls. Numerous design options, including field-applied graphics, allow you to specify highly attractive and endlessly versatile environments.

From conference rooms to private offices and more, Lightline brings beauty and life to your workspace.

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

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

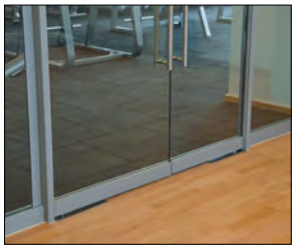
Versatile door offerings include sliding or pivot options in glass, wood or framed aluminum.

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

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

The 2.25" overall base thickness delivers a clean look, while .5"-thick tempered or laminated glass improves the STC rating.

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



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

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 is 2.25" overall
- Vertical adjustment ranges as follows:
  - 3.25" base: + .75"
  - 4" base: + 1.75"
  - Ceiling channel: +/- .50"

Door Details

- Sliding and pivot-hinged door units are standard
- Sliding doors available with soft stop (self-close) and soft open options
- Pivot doors available with transom glass
- Doors full height up to 120", frameless glass up to 9'
- Door leaf options include solid core, frameless safety glass, stile/rail-glazed options, and aluminum framed
- 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 Evoke and Genius walls

Testing and Approvals

- SCS Indoor Advantage™ Gold Certified for Indoor Air Quality
- CARB Compliant – Phase II
- FSC® Certified Wood Option (License Code: FSC-C011706)
- BIFMA e3 level 2 Certified
- OSHPD Pre-Approval OPA-2942-10 (2010 CBC)
- Seismic Structural Calculations
- Meets Glass Association of North America (GANA) standards: GANA recommends ½"-thick glass for ceiling heights above 96" to 120", and Lightline uses ½"-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 3.25" and 4" base
- Architectural grade and structural aluminum alloys

Finishes

- Clear anodized aluminum (8-minute-etch standard)
- Powdercoated aluminum in nearly 40 standard colors
- Custom color matches (client approval required)

Glass Components

- Butt-glazed glass is ½" (12mm) clear tempered
- ½" tempered glass weight is approximately 6.4 lbs/sq ft.
- ½" tempered glass yields a 36 STC rating
- ½" laminated glass yields a 38 STC rating
- ½" laminated glass w/ acoustic interlayer yields a 39 STC rating
- Patterned glass film options are field-applied

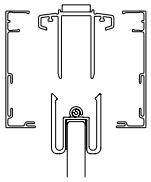
Base Assembly Details

- Overlapping aluminum base
- Steel leveler assembly with vertical adjustment
- Non-damaging carpet gripper screws

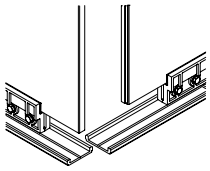
Ceiling Track Assembly

- 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.

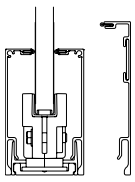
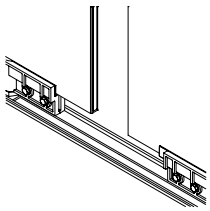
Ceiling Detail



Corner Detail



Base Detail



In-Line Detail