KIWALL

LIGHTLINE®

FRAMELESS GLASS WALLS

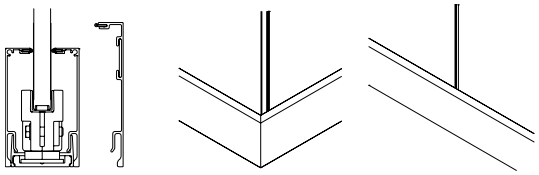


Lightline's slim profile, butt-glazing, and discreet framework highlight thoughtful design details without distracting from the overall aesthetic. Endless runs of uninterrupted glass invite daylight into the space, while features like soft close-doors, sleek hardware, and soundproofing seals ensure a high-level performance. Unitized panels simplify installation, maintaining schedules, budgets, and quality.

SPECIFICATIONS

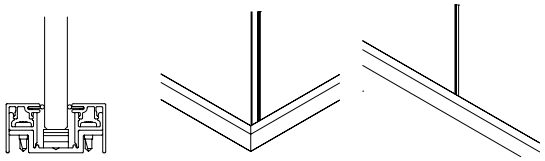
Lightline can be specified in a variety of dimensions, designs, and finishes to create compelling, sophisticated, and personalized spaces for any environment.

LIGHTLINE DETAILS



Base - 4" Corner - 4" In-Line - 4"

LIGHTLINE LOW PROFILE DETAILS



Base - 1" Corner - 1" In-Line - 1"

DIMENSIONS & DETAILS

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:
  - 1" base: + 0.375
  - 3.25" base: + 0.75"
  - 4" base: + 1.75"
  - Ceiling channel: +/- 0.50"

Door Details

- Sliding and pivot-hinge 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 108"
- Door leaf options include solid core, frameless safety glass, stile/rail-glazed, and aluminum framed
- KI Wall offers standard hardware options; customer specific hardware 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 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 paint in more than 35 standard colors
- Custom color matches (client approval required)
- Patterned glass film options are field-applied

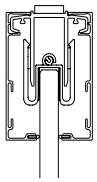
Glass Components & Ratings

- 1/2" (12mm) tempered glass yields a 36 STC
- 1/2" (12mm) laminate glass yields a 38 STC
- 1/2" (12mm) laminate glass with acoustic interlayer yields a 39 STC
- 1/2" (12mm) tempered glass weight is approximately 6.4 lbs./sq. ft.

Base Assembly Details

- Concrete anchors for hard flooring and seismic areas
- Overlapping aluminum base
- Steel leveler assembly with vertical adjustment
- Non-damaging carpet gripper screws

Ceiling Track Assembly



Ceiling Detail

- 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.

KI WALL

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