LIGHTLINE®
FRAMELESS GLASS WALLS

Lightline's slim profile, butt-glazing, and discreet framework highlight the thoughtful details of your design 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.

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
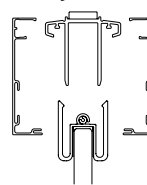- Patterned glass film options are field-applied

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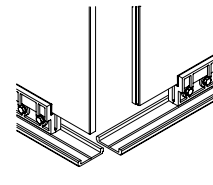- Non-damaging carpet gripper screws

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.
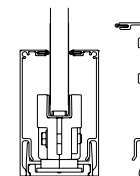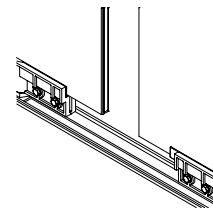
Ceiling Detail

Corner Detail

Base Detail

In-Line Detail

KI WALL

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