PRODUCT SPECIFICATIONS

LimeLite™ Seating

January 2025



One-Piece Seat Shell

The seat and backrest are integrated into a single shell that is injection-molded in polypropylene, reinforced with glass fiber. The shell is ergonomically contoured and features a passive flex back movement for superior comfort.

Upholstered Seat (optional)

Molded urethane foam is attached to an injection-molded polypropylene seat board, then is upholstered using a draw-string process. The assembled seat pad is attached to the seat by means of hidden fasteners. Seat foam is nominal $\frac{3}{4}$ thickness.

Upholstered Backrest (optional)

Molded urethane foam is attached to an injection-molded polypropylene upholstery liner, then is upholstered using a draw-string process. The assembled backrest pad is permanently attached to the backrest with no visible fasteners. Backrest foam is nominal ½" thickness.

Stack Chairs

Frames

Legs are made from $^{7}/_{8}$ " O.D. by 13-gauge tubular steel. A single ring of $^{1}/_{2}$ " diameter steel wire forms the crossmember. All joints are welded.

Frame Finishes

Frames are finished in either baked-on electrostatically-applied 30-degree gloss epoxy powder-coat paint, or bright nickel-chrome plating.

Armrests (optional)

When equiped with armrests, the support structure is a continuation of the rear leg, finished to match the frame color. The armrests are injection-molded glass-reinforced nylon with an internal structure of $^{3}/_{8}$ " diameter steel wire and are press-fit into the support tube. Armrest color matches the frame finish, (except chrome and metallic finishes; which match the shell poly color).

Glides

4-Leg Chairs

Three glide options are available; felt, plastic, and steel. A black nylon swivel glide body is press-fit into the end of the leg tube. Glide caps (felt, plastic, or steel) are snap-fit onto the glide body. These are field-replaceable and interchangeable.

Tubular Sled Base Chairs

In addition to "no glide", four glide options are available; non-skid, felt, plastic, and steel. A clear polycarbonate glide body is attached to the sled tube with a screw. Glide caps (non-skid, felt, plastic, or steel) have a black plastic structure and snap-fit onto the glide body. These are field-replaceable and interchangeable.

Casters

4-leg chairs may be ordered with dual surface casters, suitable for carpet or hard floors. Casters are 50 mm diameter, double-wheel, made of high-impact thermoplastic with softer elastomer over-molded on the wheel surfaces. Casters are available in Black, Warm Grey, or Cottonwood. (Cottonwood casters have Warm Grey elastomer on the surface that contacts the floor. All others are monochrome.)

Transport Dolly

Frame construction is welded tubular steel with black powder-coated finish and 5" wheels (two swivel and two fixed). The dolly fits 4-leg or sled base chairs and has a capacity of fifteen poly chairs or eight upholstered.





Stack Chairs (cont.)

Flip-Up Tablet Arm

Tablets are available on left-hand or right-hand side. The standard tablet's main worksurface is nominally 15" wide by 11" deep, and the tablet has a total surface area of 172 square inches. The oversized tablet's main worksurface is nominally 17" wide by 14" deep, and the tablet has a total surface area of 227 square inches. The tablet support loop is a continuation of the rear leg. A formed steel hinge is welded to the top of the support structure and secured with screws to the underside of the writing surface. Writing surface has plywood core of $\frac{5}{8}$ " thick, 11-ply hardwood, surfaced with .030" high-pressure laminate top and plain backer undersurface. Edges are lacquered and sealed.

Café Stools (non-stacking)

Frames

Legs are made from $^3/_4$ " O.D. by 13-gauge tubular steel. A single ring of $^1/_2$ " diameter steel wire forms the crossmember. The footring is formed of $^1/_2$ " diameter steel wire. All joints are welded. 4-leg cafe stools are available in 24" or 30" seat heights.

Frame Finishes

Frames are finished in either baked-on electrostatically-applied 30-degree gloss epoxy powder-coat paint, or bright nickel-chrome plating. Powder-coat paint may be specified in 30-degree gloss or select colors in a textured (matte) finish.

Glides (optional)

Three glide options are available; felt, plastic, and steel. A black nylon swivel glide body is press-fit into the end of the leg tube. Glide caps (felt, plastic, or steel) are snap-fit onto the glide body. These are field-replaceable and interchangeable.

Task Chairs & Stools

Under-Seat Structure

Support structure is a die-drawn 12-gauge steel plate. Structure is finished with baked-on electrostatically-applied epoxy powder-coat paint.

Armrests (optional)

When equipped with armrests, a support structure of $^{7}/_{8}$ " O.D. by 13-gauge tubular steel is welded directly to the seat structure plate. The armrests are injection-molded glass-reinforced nylon with an internal structure of $^{3}/_{8}$ " diameter steel wire and are press-fit into the support tube. Armrest color matches the structure's finish, (except metallic finishes, which match the shell poly color).

Base

The base is a 27" injection-molded glass-reinforced nylon 5-blade base. A single paddle under the seat operates the height-adjusting pneumatic cylinder. An optional die-cast aluminum 5-blade base is also available on both chairs and stools. The aluminum base is available in polished aluminum or selected paint colors. Finish is baked-on elctrostatically-applied epoxy powder-coat paint and may be specified in 30-degree gloss or textured (matte) finish. Cylinders are available in Black, Warm Grey, or Cottonwood. Nominal seat height range is $16^{1}/_{2}$ " to $21^{1}/_{2}$ " for chairs, and 22" to 32" for stools.

Casters

Task chairs and stools are equipped with dual surface casters, suitable for carpet or hard floors. Casters are 60 mm diameter, double-wheel, made of high-impact thermoplastic with softer elastomer over-molded on the wheel surfaces. Casters are available in Black, Warm Grey, or Cottonwood. (Cottonwood casters have Warm Grey elastomer on the surface that contacts the floor. All others are monochrome.)

Foot Ring

Task stools are equipped with a twist-to-lock, adjustable-height, 20" diameter chrome-plated steel foot ring with black, die-cast aluminum hub and spokes.





Task Chairs & Stools (cont.)

ChangeUp[™] Tablet Arm

Change Up tablet support is integral to the chair frame and consists of a $^{7}/_{8}$ " diameter solid steel rod welded to the front and rear support tubes. A three-piece molded plastic armrest is included and attached to the chair frame using a $\#10 \times 2^{1}/_{2}$ " Phillips pan head tapping screw.

The tablet mechanism consists of a die-cast aluminum housing, upper and lower plastic bearings, and 11-gauge steel clamp and tablet board support plates. The tablet mechanism is clamped onto the chair frame over two plastic bushing halves and a $^5/_{16}$ " diameter by $1^3/_4$ " hardened steel pin with a die-cast aluminum cap secured with two $^1/_4$ -20 x $^3/_4$ " button socket head cap screws. The pin creates a solid 90° up/down pivot stop and the bushings provide a smooth, quiet operation. In the use position, the tablet mechanism rotates outward from the chair back an additional 20° and permits approximately $3^1/_2$ " of adjustment for ingress/egress without stowing the tablet.

The tablet worksurface is 21" wide by $13^{1}/_{2}$ " deep (235 square inches) is secured to the tablet board support plate with twelve $\#12 \times {}^{5}/_{8}$ " Phillips flat head tapping screws. The tablet board is made of 18 mm Baltic Birch plywood with .040" high-pressure laminate top surface and .02" thick phenolic backer surface for an overall board thickness of approximately ${}^{3}/_{4}$ ". Edges are lacquered with a clear finish and sealed. The factory installed tablet assembly is not field installable and may not be removed.

Compliance

Support frame, mechanism, and worksurface passes KI's internal testing for 250-pound weight capacity.

High-Density Chairs & Stools

High-Density Frames

High-Density wire frames are sled-base style, made of $^{7}/_{16}$ " diameter solid steel rod with all joints welded. Stool frames also have a footrest made of $^{1}/_{2}$ " diameter solid steel rod. Stools are available in 24" or 30" seat heights.

Frame Finishes

Frames are finished in either bright nickel-chrome plating or baked-on electrostatically-applied gloss epoxy powder-coat paint. Powder-coat paint may be specified in 30-degree gloss or select colors in a textured (matte) finish.

Glides

In addition to "no glide", ganging glides and non-ganging glides are available. Four non-ganging glide options are available; non-skid, felt, plastic, and steel. A clear polycarbonate glide body snaps onto the wire frame and is held in location with ribs that nest into slots that are pressed into the wire frame. Glide caps (non-skid, felt, plastic, or steel) have a black plastic structure and snap-fit onto the glide body. These are field-replaceable and interchangeable.

Ganging glides snap onto the wire frame and are held in location with ribs that nest into slots that are pressed into the wire frame. Ganging glides (2-male and 2-female) slide together, allowing multiple chairs to be connected in a line. Ganging glides are either clear polycarbonate, or clear polycarbonate with a steel floor-contact insert.

Transport Dolly

Frame construction is welded tubular steel with black powder-coated finish and 5" wheels (two swivel and two fixed). The dolly has a capacity of twenty-five poly chairs, ten upholstered chairs, fifteen poly stools, or eight upholstered stools.





Nesting Chairs

Nesting Shell Assembly

To facilitate nesting, the entire shell flips forward approximately 45° to the storage position. A die-cast aluminum seat plate supports the seat shell and houses the flip-up mechanism. The seat plate is painted to match the shell poly color, using baked-on electrostatically-applied epoxy powder-coat paint in 30-degree gloss. The shell assembly rotates around a pivot tube that is integral to the frame. The shell assembly is held in the storage position by a dual ball-detent mechanism. Simply pushing the shell down returns the shell to the use position. There are no locking levers or other secondary actions required.

Frames

Legs are made from $^{7}/_{8}$ " O.D. by 13-gauge tubular steel. The seat pivot tube is made of $^{3}/_{4}$ " O.D. by 13-guage tubular steel and the crossmember is made of 1" O.D. by 13-guage tubular steel. All joints are welded.

Frame Finishes

Frames are finished in either baked-on electrostatically-applied epoxy powder-coat paint, or bright nickel-chrome plating.

Armrests (optional)

When equipped with armrests, a support structure is made from $^{7}/_{8}$ " O.D. by 13-gauge tubular steel, finished to match frame color. The armrests are injection-molded glass-reinforced nylon with an internal structure of $^{3}/_{8}$ " diameter steel wire and are press-fit into the support tube. Armrest color matches the frame finish, (except chrome and metallic finishes; which match the shell poly color).

Casters

Nesting chairs are equipped with dual surface casters, suitable for carpet or hard floors. Casters are 50 mm diameter, double-wheel, made of high-impact thermoplastic with softer elastomer over-molded on the wheel surfaces. Casters are available in Black, Warm Grey, or Cottonwood. (Cottonwood casters have Warm Grey elastomer on the surface that contacts the floor. All others are monochrome.)

Wood Leg Chairs

Wood Leg Base

The seat plate is die-cast aluminum, finished with baked-on electrostatically-applied epoxy powder-coat paint. Legs are turned from Beech, stained and finished with a clear coat. A steel insert with tapped end is inserted and pinned in each leg, then each leg assembly is attached to the seat plate with a cap screw.

Glides

Three glide options are available; felt, plastic, and steel. A black nylon swivel glide body is press-fit into the end of the leg. Glide caps (felt, plastic, or steel) are snap-fit onto the glide body. These are field-replaceable and interchangeable.

Conference Seating with Enhanced Motion

Under-Seat Structure & Tilt Mechanism

The seat support plate is die-cast aluminum, mounted to a steel weldment, and supported by a composite spring. This allows the seat shell to recline as the occupant leans back. The internal steel weldment is mounted to a die-cast aluminum yoke that is mounted on top of a pneumatic cylinder, allowing the chair to swivel. The seat plate is powder-coat painted to match the shell poly color.

Armrests

Optional armrests are die-cast aluminum with polypropylene arm caps, inset flush on the top surface. Arm caps are available in Black, Warm Grey, or Cottonwood. Armrests are fixed position and mounted to the yoke.





Conference Seating with Enhanced Motion (cont.)

Base

The die-cast aluminum 5-blade base is 26" diameter on chairs and 27" diameter on stools. For all except the fixed-height chairs, a single lever on the side of the seat yoke operates the height-adjusting pneumatic cylinder. Standard chair cylinders are available in Black, Warm Grey, or Cottonwood. Stool cylinders and fixed-height chair cylinders are chrome. Nominal seat height ranges are $16^3/_4$ " to $20^1/_4$ " for chairs, fixed at $17^1/_2$ " for fixed-height chairs, and $23^1/_2$ " to $32^3/_4$ " for stools.

Frame Finishes

The base, yoke, and optional armrests are available in polished aluminum or baked-on electrostatically-applied epoxy powder-coat paint. Paint may be specified in 30-degree gloss or textured (matte) finish.

Casters & Glides

Task chairs and stools are equipped with dual-surface casters, suitable for carpet or hard floors. Casters are 60 mm diameter, double-wheel, made of high-impact thermoplastic with softer elastomer over-molded on the wheel surfaces. Casters are available in Black, Warm Grey, or Cottonwood. (Cottonwood casters have Warm Grey elastomer on the surface that contacts the floor. All others are monochrome.) Black bell glides are also available instead of casters.

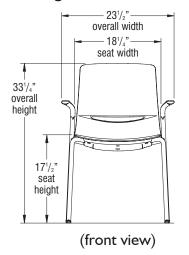
Foot Ring

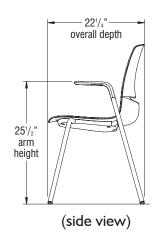
Task stools are equipped with an adjustable-height foot ring. The foot ring has a die-cast aluminum hub and spokes (black with a polished top surface), and a 20" diameter chrome-plated tubular steel ring.

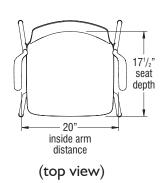




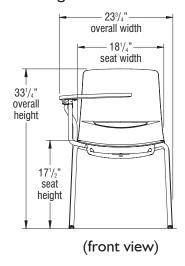
LimeLite 4-Leg Glide Stack Chair - Armchair - (model LLIIII shown)

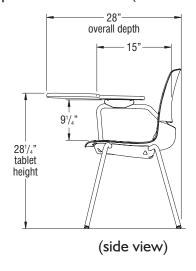


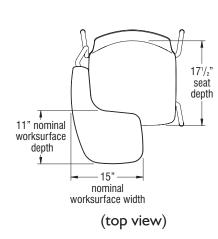




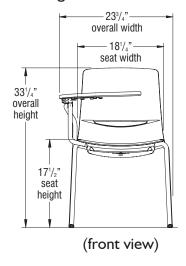
LimeLite 4-Leg Glide Stack Chair - Flip-Up Tablet Armchair - (model LL I I 3R shown)

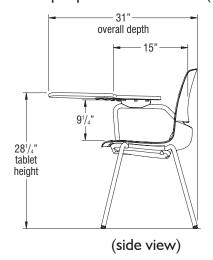


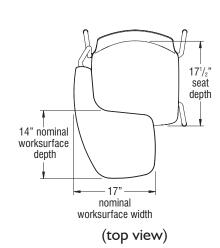




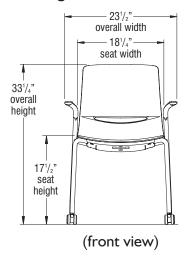
LimeLite 4-Leg Glide Stack Chair - Oversize Flip-Up Tablet Armchair - (model LL I I 4R shown)

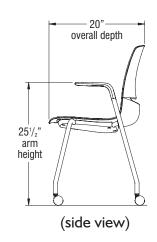


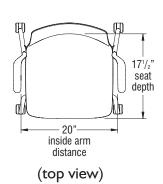




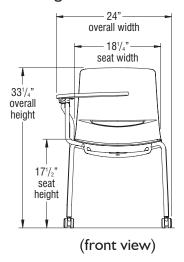
LimeLite 4-Leg Caster Stack Chair - Armchair - (model LL2111 shown)

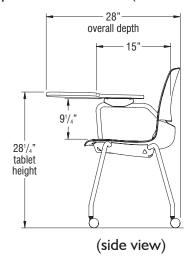


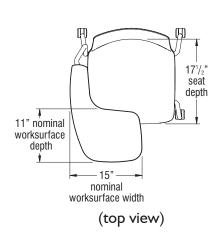




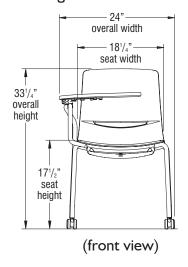
LimeLite 4-Leg Caster Stack Chair - Flip-Up Tablet Armchair - (model LL213R shown)

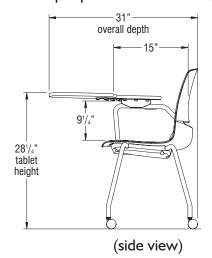


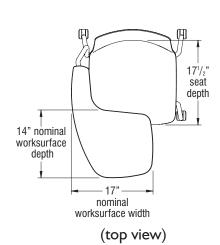




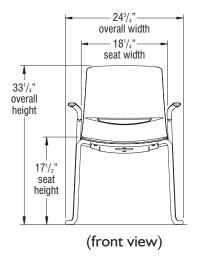
LimeLite 4-Leg Caster Stack Chair - Oversize Flip-Up Tablet Armchair - (model LL214R shown)

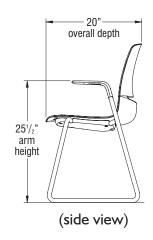


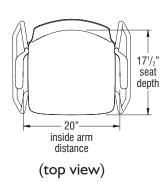




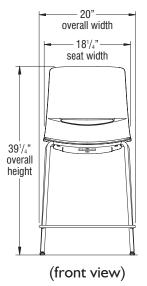
LimeLite Sled-Base Stack Chair - Armchair - (model LL3111 shown)

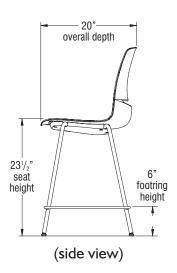


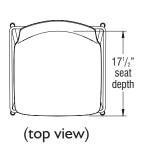




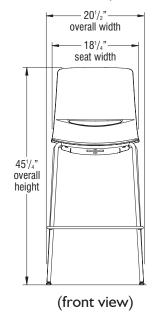
LimeLite 24" Café Stool (armless/non-stacking) - (model LL4100/24 shown)

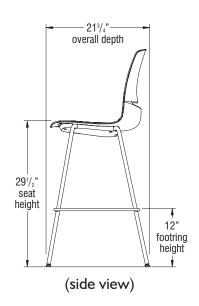


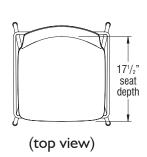




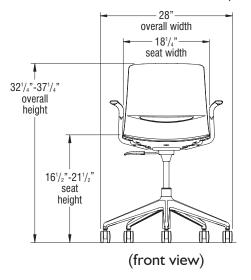
LimeLite 30" Café Stools (armless/non-stacking) - (model LL4100/30 shown)

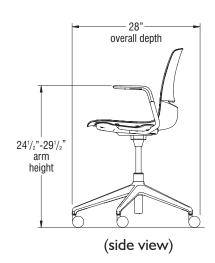


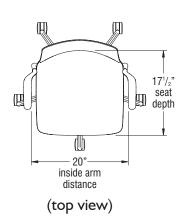




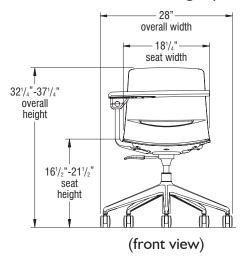
LimeLite Task Chair - Armchair - (model LL5 | | Ishown)

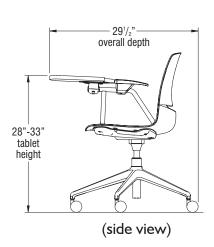


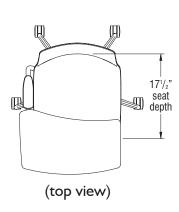




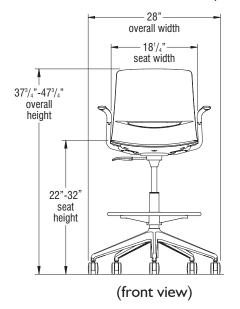
LimeLite Task Chair - ChangeUp Tablet Armchair - (model LL519R shown)

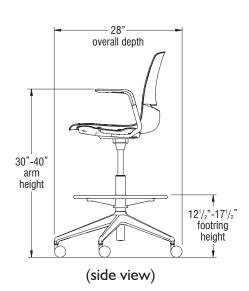


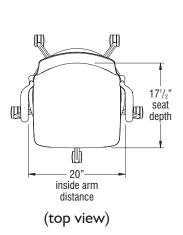




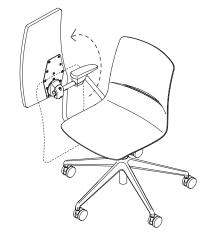
LimeLite Task Stool - Armstool - (model LL6111 shown)



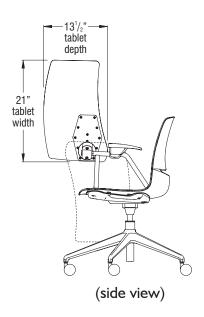


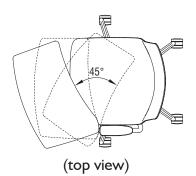


ChangeUp Tablet Arm

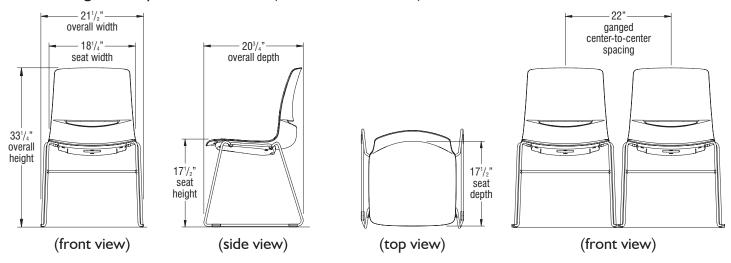




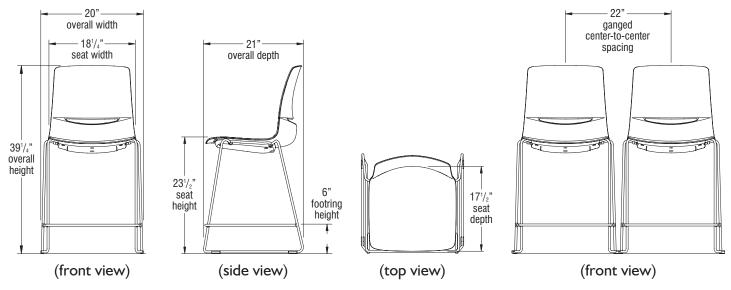




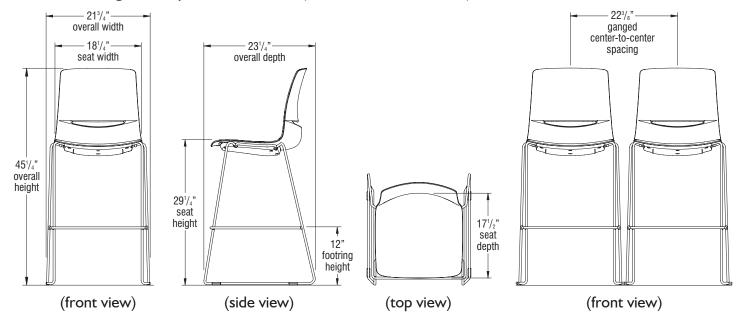
LimeLite High-Density Chair - Armless - (model LL7100 shown)



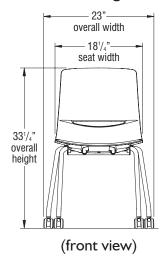
LimeLite 24" High-Density Stool - Armless - (model LLS100/24 shown)

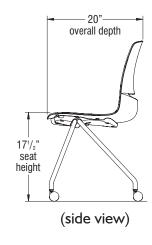


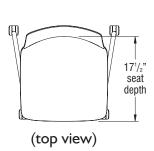
LimeLite 30" High-Density Stool - Armless - (model LLS100/30 shown)



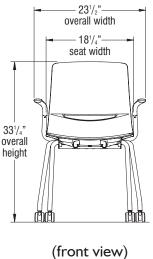
LimeLite Nesting Chair - Armless Chair - (model LLA100 shown)

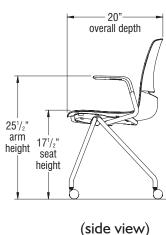


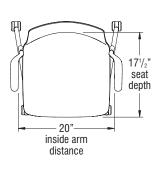




LimeLite Nesting Chair - Armchair - (model LLAIII shown)







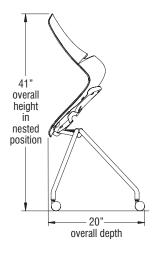
(top view)

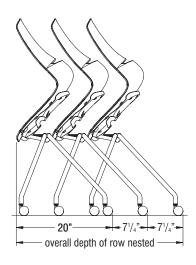
LimeLite Nesting Footprint Calculations

Nesting Footprint Calculation: Overall Depth of a Row = 20° for the first chair plus 7.25" for each additional chair. Examples: $2 \text{ chairs:} 20^{\circ} + (7.25^{\circ} \text{ x 1}) = 27.25^{\circ}$

4 chairs:

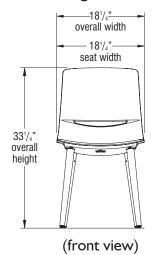
20" + (7.25" x 1) = 27.25" 20" + (7.25" x 3) = 41.75"



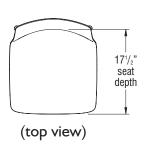


Nesting Chairs Footprint Examples	
Number of Chairs	Overall Depth of Nested Row
1	20"
2	27.25"
3	34.5"
4	41.75"
5+	Add 7.25" for each additional chair

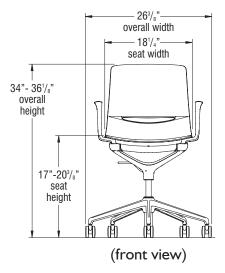
LimeLite Wood Leg Chair - Armless - (model LLW100 shown)

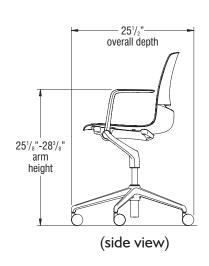


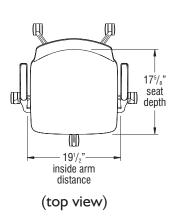




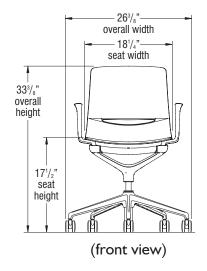
LimeLite Conference Chair with Enhanced Motion - Armchair - Adjustable-Height - (model LLMIII shown)

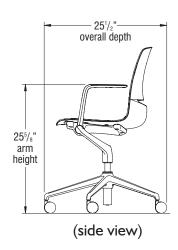


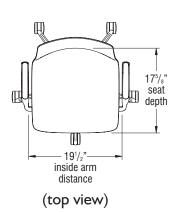




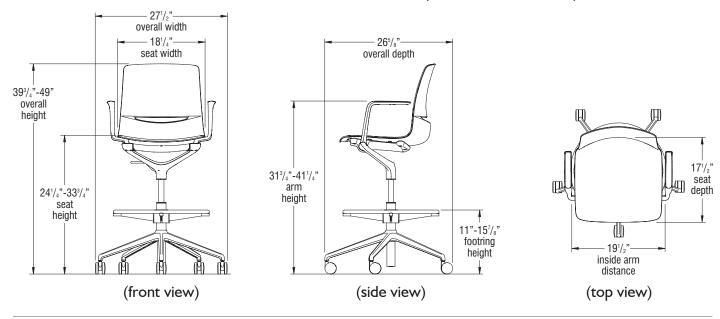
LimeLite Conference Chair with Enhanced Motion - Armchair - Fixed-Height - (model LLPIII shown)





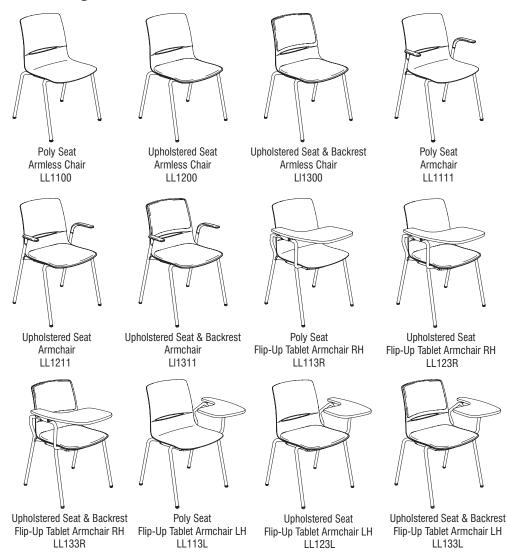


LimeLite Conference Stool with Enhanced Motion - Armstool - (model LLN I I I shown)



STATEMENT OF LINE

LimeLite 4-Leg Glide Stack Chairs



LimeLite 4-Leg Glide Stack Chairs (cont.)



Poly Seat Oversize Flip-Up Tablet Armchair RH LL114R



Upholstered Seat Oversize Flip-Up Tablet Armchair RH LL124R



Upholstered Seat & Backrest Oversize Flip-Up Tablet Armchair RH LL134R



Poly Seat Oversize Flip-Up Tablet Armchair LH LL114L



Upholstered Seat Oversize Flip-Up Tablet Armchair LH LL124L



Upholstered Seat & Backrest Oversize Flip-Up Tablet Armchair LH LL134L

LimeLite 4-Leg Caster Stack Chairs



Poly Seat Armless Chair LL2100



Upholstered Seat Armless Chair LL2200



Upholstered Seat & Backrest Armless Chair LL2300



Poly Seat Armchair LL2111



Upholstered Seat Armchair LL2211



Upholstered Seat & Backrest Armchair LL2311



Poly Seat Flip-Up Tablet Armchair RH LL213R



Upholstered Seat Flip-Up Tablet Armchair RH LL223R





LimeLite 4-Leg Caster Stack Chairs (cont.)



Upholstered Seat & Backrest Flip-Up Tablet Armchair RH LL233R



Poly Seat Flip-Up Tablet Armchair LH LL213L



Upholstered Seat Flip-Up Tablet Armchair LH LL223L



Upholstered Seat & Backrest Flip-Up Tablet Armchair LH LL233L



Poly Seat Oversize Flip-Up Tablet Armchair RH LL214R



Upholstered Seat Oversize Flip-Up Tablet Armchair RH LL224R



Upholstered Seat & Backrest Oversize Flip-Up Tablet Armchair RH LL234R



Poly Seat Oversize Flip-Up Tablet Armchair LH LL214L



Upholstered Seat Oversize Flip-Up Tablet Armchair LH LL224L



Upholstered Seat & Backrest Oversize Flip-Up Tablet Armchair LH LL234L

LimeLite Sled-Base Stack Chairs



Poly Seat Armless Chair LL3100



Upholstered Seat Armless Chair LL3200



Upholstered Seat & Backrest Armless Chair LL3300



Poly Seat Armchair LL3111

Furnishing Knowledge®



LimeLite Sled-Base Stack Chairs (cont.)







Upholstered Seat & Backrest Armchair Ll3311

LimeLite Café Stools (armless/non-stacking)



24" Poly Seat LL4100/24



Upholstered Seat LL4200/24



24" Upholstered Seat & Backrest LL4300/24



30" Poly Seat LL4100/30



30" Upholstered Seat LL4200/30



Upholstered Seat & Backrest LL4300/30

LimeLite Task Chair



Poly Seat Armless Chair LL5100



Upholstered Seat Armless Chair LL5200



Upholstered Seat & Backrest Armless Task Chair LL5300



Poly Seat Armchair LL5111





LimeLite Task Chair (cont.)



Upholstered Seat Armchair LL5211



Upholstered Seat & Backrest Task Armchair LL5311



Poly Seat



Upholstered Seat Change-Up Tablet Armchair RH
LL519R
Change-Up Tablet Armchair RH
LL529R



Upholstered Seat & Backrest Change-Up Tablet Armchair RH Change-Up Tablet Armchair LH Change-Up Tablet Armchair LH Change-Up Tablet Armchair LH LL539R



Poly Seat LL519L



Upholstered Seat LL529L



Upholstered Seat & Backrest LL539L

LimeLite Task Stool



Poly Seat Armless Stool LL6100



Upholstered Seat Armless Stool LL6200



Upholstered Seat & Backrest Armless Stool LL6300



Poly Seat Armstool LL6111



Upholstered Seat Armstool LL6211



Upholstered Seat & Backrest Armstool LL6311





LimeLite High-Density Chair



Poly Seat LL7100



Upholstered Seat LL7200



Upholstered Seat & Backrest LL7300

LimeLite High-Density Stools



24" Poly Seat LLS100/24



24" Upholstered Seat LLS200/24



Upholstered Seat & Backrest LLS300/24



30" Poly Seat LLS100/30



30" Upholstered Seat LLS200/30



Upholstered Seat & Backrest LLS300/30

LimeLite Nesting Chairs



Poly Seat Armless Chair LLA100



Upholstered Seat Armless Chair LLA200



Upholstered Seat & Backrest Armless Chair LLA300



Poly Seat Armchair LLA111





LimeLite Nesting Chairs (cont.)







Upholstered Seat & Backrest Armchair LLA311

LimeLite Wood Leg Chairs



Poly Seat Armless Chair LLW100



Upholstered Seat Armless Chair LLW200



Upholstered Seat & Backrest Armless Chair LLW300

LimeLite Conference Chair with Enhanced Motion (adjustable-height)



Poly Seat Armless Conference Chair Armless Conference Chair LLM100



Upholstered Seat LLM200



Upholstered Seat & Backrest Armless Conference Chair LLM300



Poly Seat Conference Armchair LLM111



Upholstered Seat Conference Armchair LLM211



Upholstered Seat & Backrest Conference Armchair LLM311

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LimeLite Conference Chair with Enhanced Motion



Poly Seat Fixed-Height Armless Conference Chair LLP100



Upholstered Seat Fixed-Height Armless Conference Chair LLP200



Upholstered Seat & Backrest Fixed-Height Armless Conference Chair LLP300



Poly Seat Fixed-Height Conference Armchair LLP111



Upholstered Seat Fixed-Height Conference Armchair LLP211



Upholstered Seat & Backrest Fixed-Height Conference Armchair LLP311

LimeLite Conference Stool with Enhanced Motion



Poly Seat Armless Conference Stool LLN100



Upholstered Seat Armless Conference Stool LLN200



Upholstered Seat & Backrest Armless Conference Stool LLN300



Poly Seat Conference Armstool LLN111



Upholstered Seat Conference Armstool LLN211



Upholstered Seat & Backrest Conference Armstool LLN311