

lighting, electrics & communications

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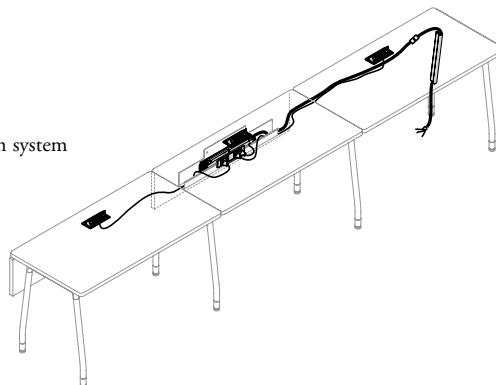
lighting, electrics & communications overview

Particular attention should be paid to the correct selection of electrical components. You should follow the steps given on this page.

- 1 Select the workstation configuration
- 2 Select the appropriate power outlets and plug-ins for your particular workstation configuration. A variety of products are available to provide access to power and communications under or above the worksurface
- 3 Choose three-wire system as plug-in system or choose between the six shielded wiring systems:
 - The four-wire system (4B) has two standard circuits.
 - The five-wire system (5D) has three standard circuits.
 - The seven-wire system (7K) has four standard circuits with two neutrals.
 - The seven-wire system (7G) has two standard circuits and one isolated circuit.
 - The eight-wire system (8N) has two standard circuits with separate neutrals and one isolated circuit.
 - The eight-wire system (8T) has three standard circuits and one isolated circuit.
 - The eight-wire system (8K) has two standard circuits and two isolated circuits.
- 4 Determine the number of power sources required and their location, then select the required feed (base)
- 5 Select the required products to connect power components

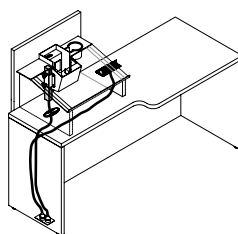
Learning Tables Application

Shielded wiring systems (4B, 5D, 7G, 8N, 8T or 8K) or plug-in system can be specified underneath all Worksurfaces



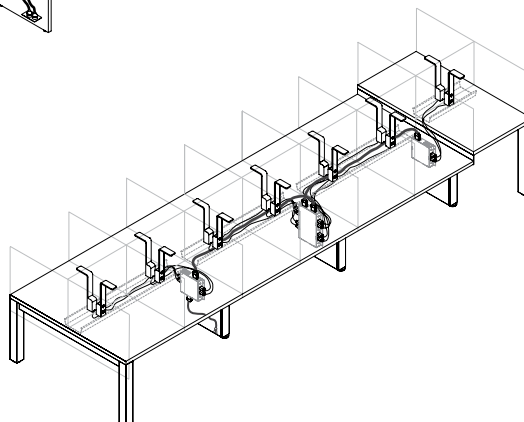
Instructor Desks or Hub Tables Application

Only the plug-in system can be specified underneath desks or tables



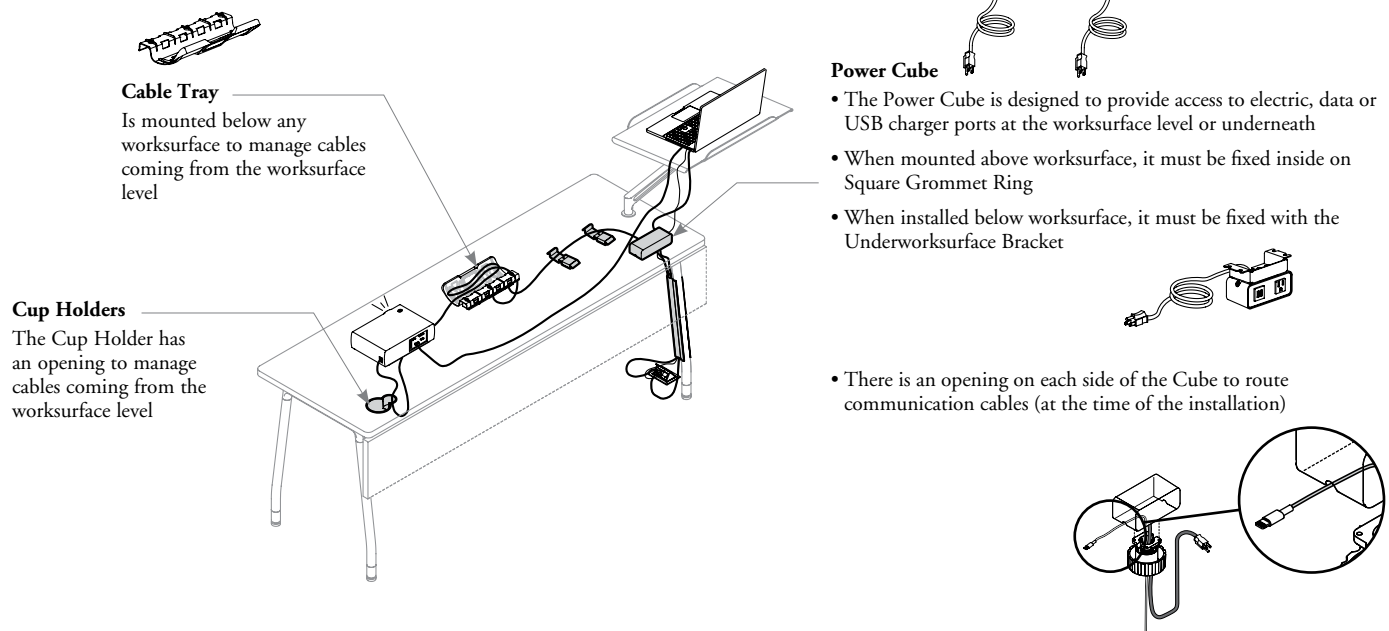
Library Tables Application

Shielded wiring system (7K) or plug-in system can be specified underneath Library Tables

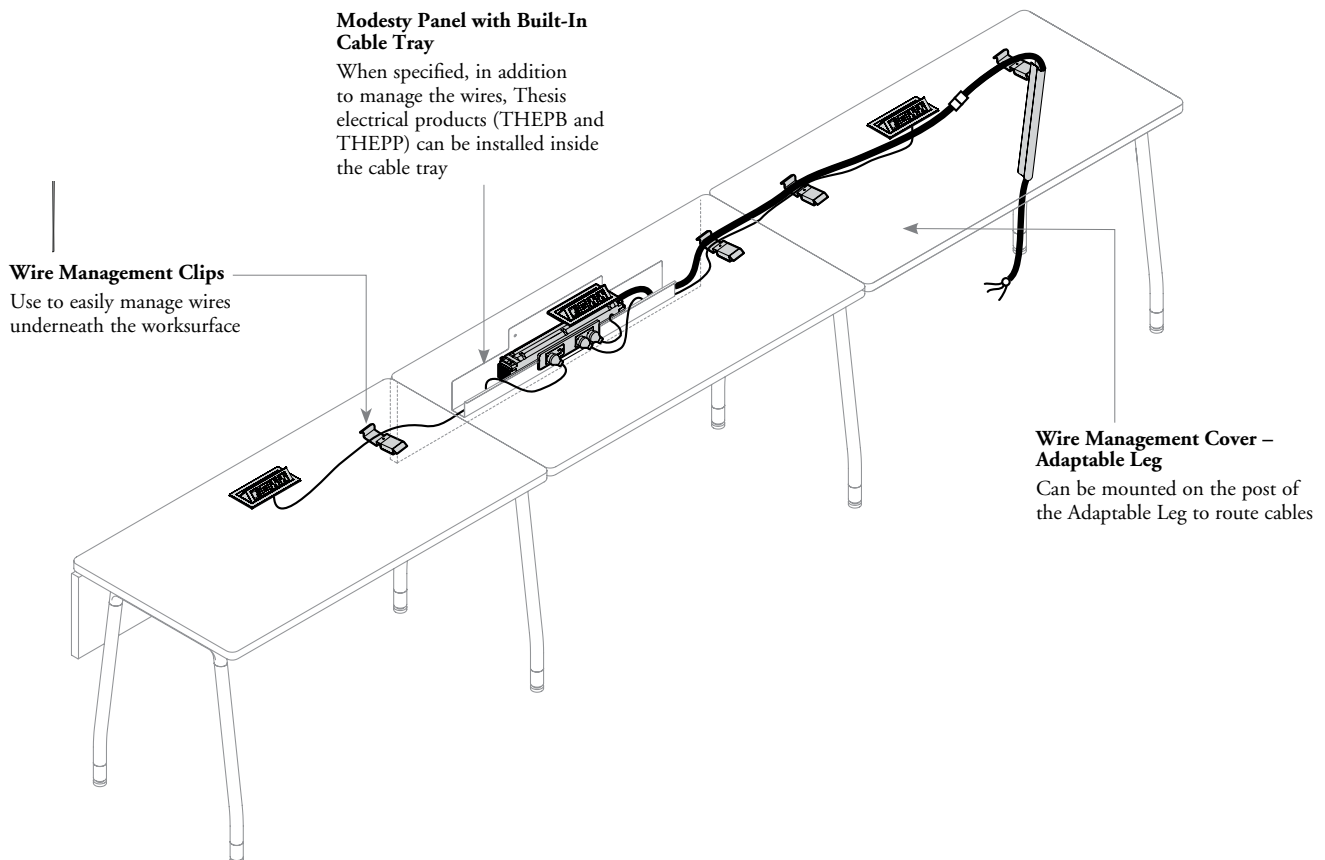


understaning learning table wire management

standard



hardwire



understanding library table wire management

Metal Cable Tray

- Is included with Library Tables (THLS or THLD), or ADA Extension for Library Table (THES or THED) only
- Is mounted below the worksurface to manage cables coming from the worksurface level

Rectangular and Intermediate Rectangular Base

A removable infill panel allows cable management and hide extra cables

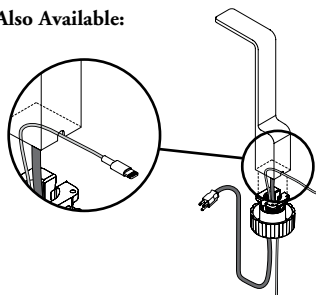
Floor Box Cover

Can be fixed on the base infill of the Rectangular Base to hide floor monument

Cable Pass-Through

When specified, End Gable or Rectangular base comes with cable pass-through to allow installation of a base feed or route cables between two Library tables

Also Available:



LED Reading Lamp

- This product is designed to provide lighting, access to electric and USB charger ports at the worksurface level
- An opening in the back of the lamp allows to route a communication cable at the time of the installation



Square Grommets

- When specified, worksurface comes with grommet located in front of each user or shared side by side
- Required to install a LED Reading Lamp or Power Cube



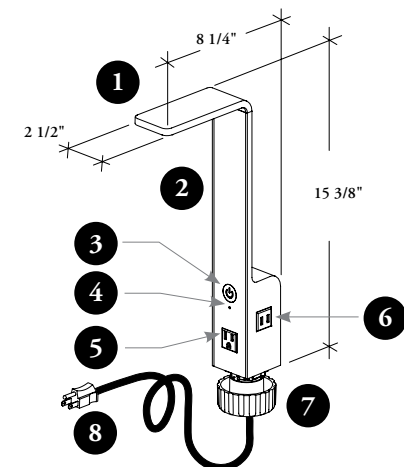
Base Feed Power Pole

Installed on End Gable to route cables from the floor to the table

LED reading lamp basics

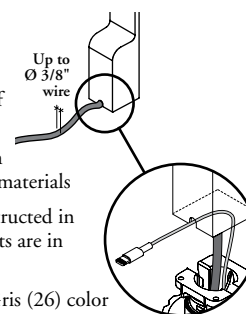
Thesis lighting solutions answer all task illumination needs. LED panels provide high quality lighting over worksurface.

- ❗ The Square Grommet option must be specified on tables for installation of the LED Reading Lamp or the Square Grommet must be specified separately and installed on-site
- **Cannot** be installed on Flip-Top Tables
- Check local codes for potential limits or restrictions on products and local authority approval may be required prior to use
- Some jurisdictions require Resettable Breakers. Check local codes
- All dimensions are actual



- LED Flat Panel**
 - Directional light with no multi-glare or shadows
 - 8 watts LED panel provides 900 LUX at worksurface level
 - Cool White Light
 - Life span of 60,000 hours
 - Light spread optimized for reading task (up to 30" deep worksurface)

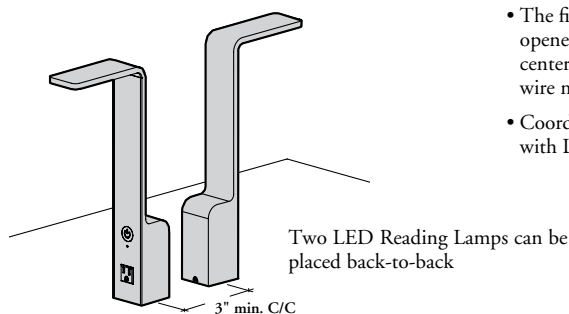
- Lamp Casing and Power Supply**
 - Power Supply is integrated into the case
 - An opening in the back of the lamp allows to route a cable at the time of the installation
 - Lamp is made with 80% of recyclable materials
 - The casing is constructed in aluminum and parts are in polymer
 - Available in Soft Gris (26) color only



- ON/OFF Soft-Touch Button**
 - Activate by light pressure and feature no moveable parts
 - 3 hours Auto-Off delay

- Power Indicator**
 - Blue LED Power Indicator

- Simplex Receptacle**
 - 120 volts
 - 11.8 AMP convenience outlet for charging ability (laptop, mobile phone, tablet, etc)

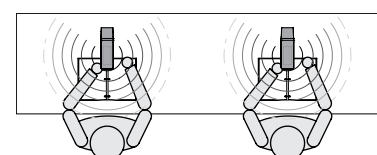


- Base Fixation**
 - Fits into Square Grommet and a twistable attachment ring allows to tight the lamp casing between the top and bottom worksurface
 - The fixation is opened in the center to allow wire management
 - Coordinate color with Lamp Casing

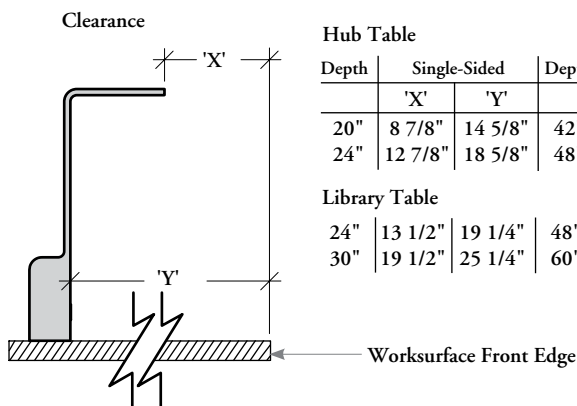


- USB Charger**
 - Two USB Charger vertical ports
 - Is always positionned on right side of the lamp

- Power Cord**
 - Includes a 78" cord length with straight plug
 - Directly attached to the light
 - Finished in Black



When LED Reading Light is specified, table must feature one grommet per user to ensure proper light beam area



Hub Table

Depth	Single-Sided		Depth	Double-Sided	
	'X'	'Y'		'X'	'Y'
20"	8 7/8"	14 5/8"	42"	11 1/2"	17 1/4"
24"	12 7/8"	18 5/8"	48"	14 1/2"	20 1/4"

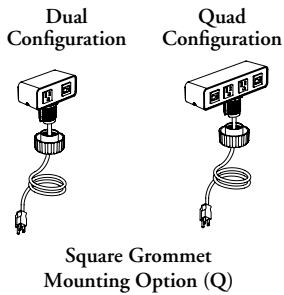
Library Table

24"	13 1/2"	19 1/4"	48"	14 5/8"	20 3/8"
30"	19 1/2"	25 1/4"	60"	20 5/8"	26 3/8"

power & data distribution

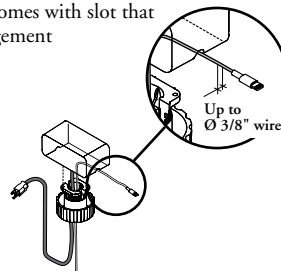
Thesis offers a wide variety of components for efficient and discreet management of electrical wiring and communication cables. Components can be installed to run cables from the floor or the wall, and power outlets and data jacks can be installed on top or under the worksurface.

- ❗ The Built-In Cable Tray on Modesty Panels and Wire Management Cover for Adaptable Leg allow routing cables from Learning Table to another
- All products below can be specified separately



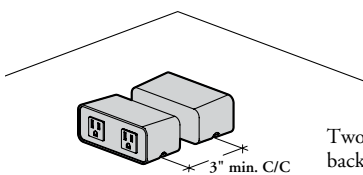
Power Cube (THEWPC)

- Provides power, data or USB access above or below worksurface and can be used with Learning, Library and Hub Tables
- Two mounting options are available:
 - Square Grommet (Q) (at worksurface level)
 - Under Worksurface (U)
- At Worksurface Level mounting option: fits into Square Grommet Ring and a twistable attachment ring allows to tight the Cube casing between the top and bottom worksurface. The Square Grommet option must be specified on tables for installation
- Under Worksurface mounting option: fixed underneath worksurface with underworksurface bracket and hardware
- Can be specified one per user or between two users
- Voice/Data jack is **not** included and must be field supplied and installed
- Plugs directly into standard receptacle
- This product includes 120" or 180" power cord with straight plug
- Each side casing comes with slot that allows wire management

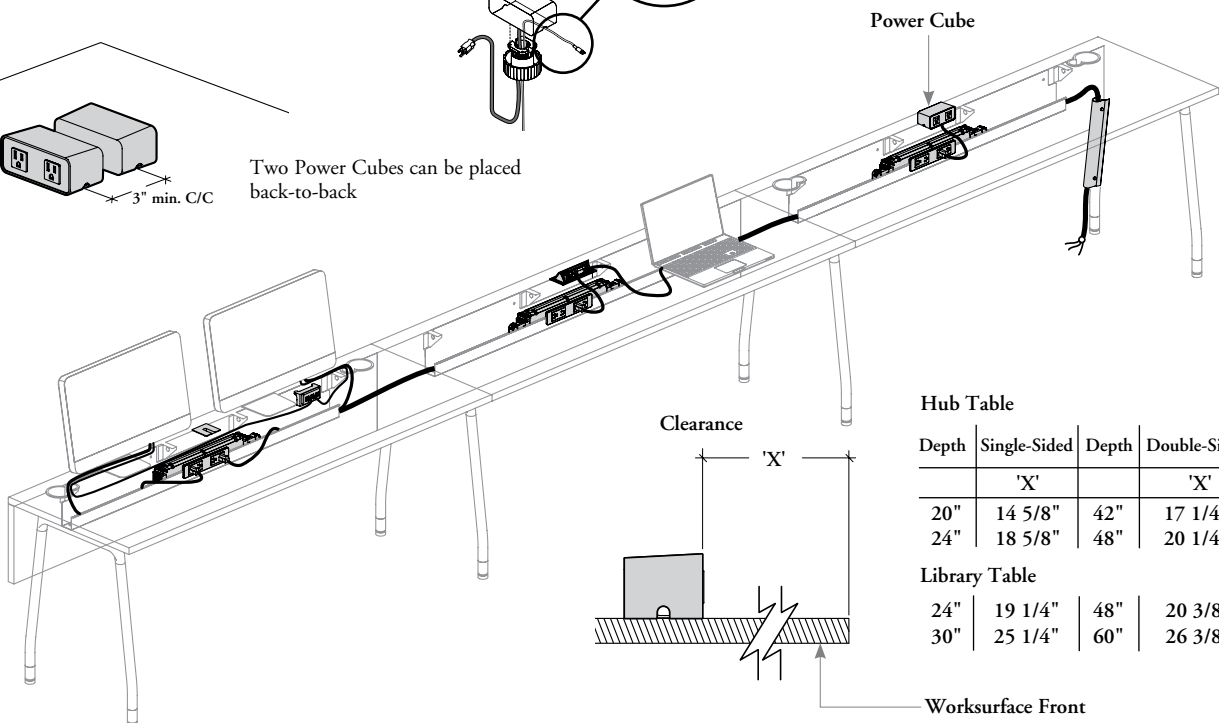


- USB Outlet has one USB-A port (10 watts max) and one USB-C port (15 watts max) for charging only. Limit of 18 watts combined output at 5 Volts DC
- Power cord is a grey cloth covered type
- Square Grommet Mounting Option (Q) and all Quad Configurations **cannot** be specified with 60" wide and less Rectangular Worksurfaces
- Case and Front are available in Foundation, Mica or Accent colors
- When Under Worksurface (U) option is specified, the underworksurface bracket will match the Case and Front finish

	Power Simplex Receptacle	USB	Communication Opening	Configuration
Dual Power Cube	2	0	0	D200
	1	0	1	D101
	1	2	0	D120
Quad Power Cube	3	2	0	Q320
	2	0	2	Q202
	2	2	1	Q221
	2	4	0	Q240



Two Power Cubes can be placed back-to-back



Hub Table

Depth	Single-Sided	Depth	Double-Sided
	'X'		'X'
20"	14 5/8"	42"	17 1/4"
24"	18 5/8"	48"	20 1/4"

Library Table

24"	19 1/4"	48"	20 3/8"
30"	25 1/4"	60"	26 3/8"

power & data distribution (continued)



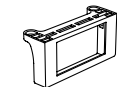
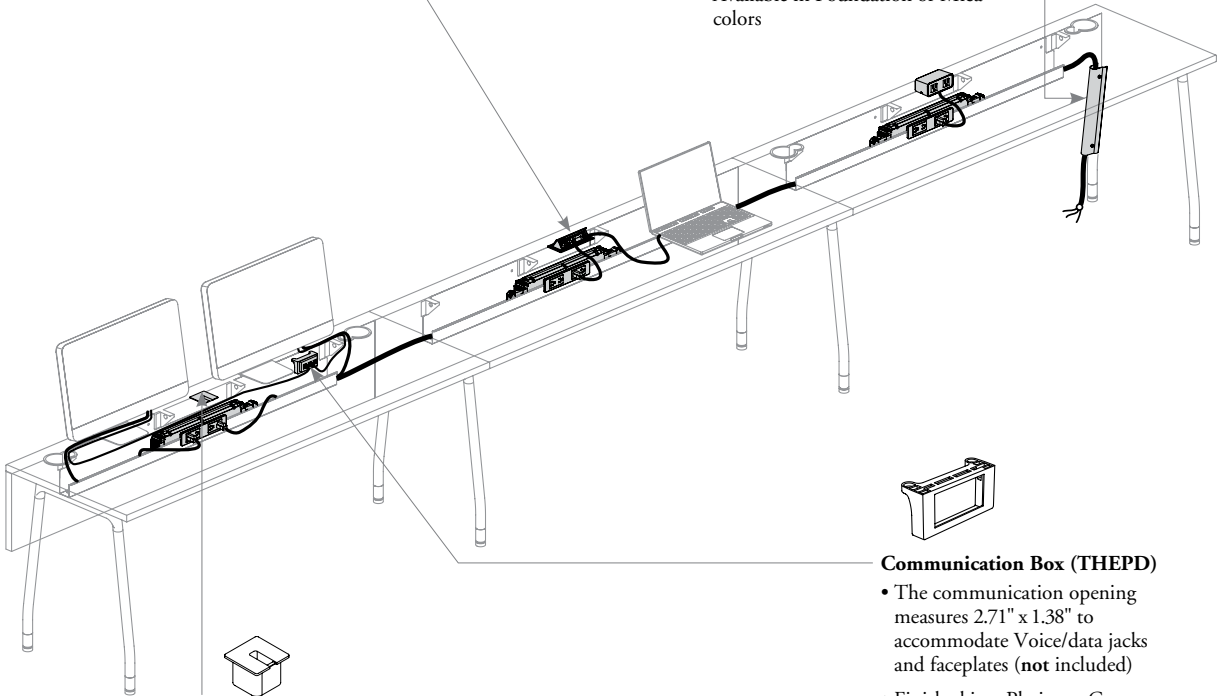
Power/Data Center (THEPDC)

- Opens up through the worksurface to provide power, data and USB access on all Learning or Study Tables. Close position allow the use of the entire worksurface
- Can also be specified as an option on tables. The surface will come with pre-drilled holes for easy installation on-site
- Can also be field-installed as per template included
- Voice/Data jacks are **not** included and must be field supplied and installed
- Plugs directly into standard receptacles
- This product includes a 72" or 120" cord length with flat 45° plug
- Finished in Soft Gris (B) or Ebony (E)

Power Simplex Receptacle	USB	Communication Opening	Configuration
2	2	1	221
3	0	1	301

Wire Management Cover – Adaptable Leg (THEML)

- May be used for Base Feed
- Must be specified when Base Feed (THECB) is used
- In-feeds are **not** included
- Mounted vertically on Adaptable Legs, High Tables or Flip-Top Tables only
- Available in Foundation or Mica colors



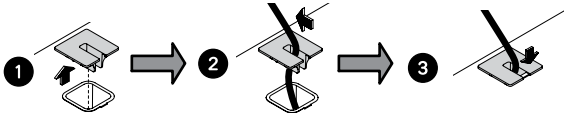
Communication Box (THEPD)

- The communication opening measures 2.71" x 1.38" to accommodate Voice/data jacks and faceplates (**not** included)
- Finished in a Platinum Grey coordinate color

Square Grommets (THEGQ)

- Can also be specified as an option on tables. The surface will come with pre-drilled holes for easy installation on-site
- Grommet can be field-installed if specified separately as per template provided
- The Square Grommet Ring allows installation of a LED Reading Lamp (THERL) and Power Cube (THEWPC), which are **not** included and must be specified separately
- Cover can be secured in place with provided wood screws

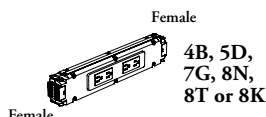
- Cover is in Aluminum and available in Foundation, Mica or Accent colors
- The plastic Ring is available in Coordinate Soft Gris (B) only
- Square Grommet Application:



power & data distribution (continued)

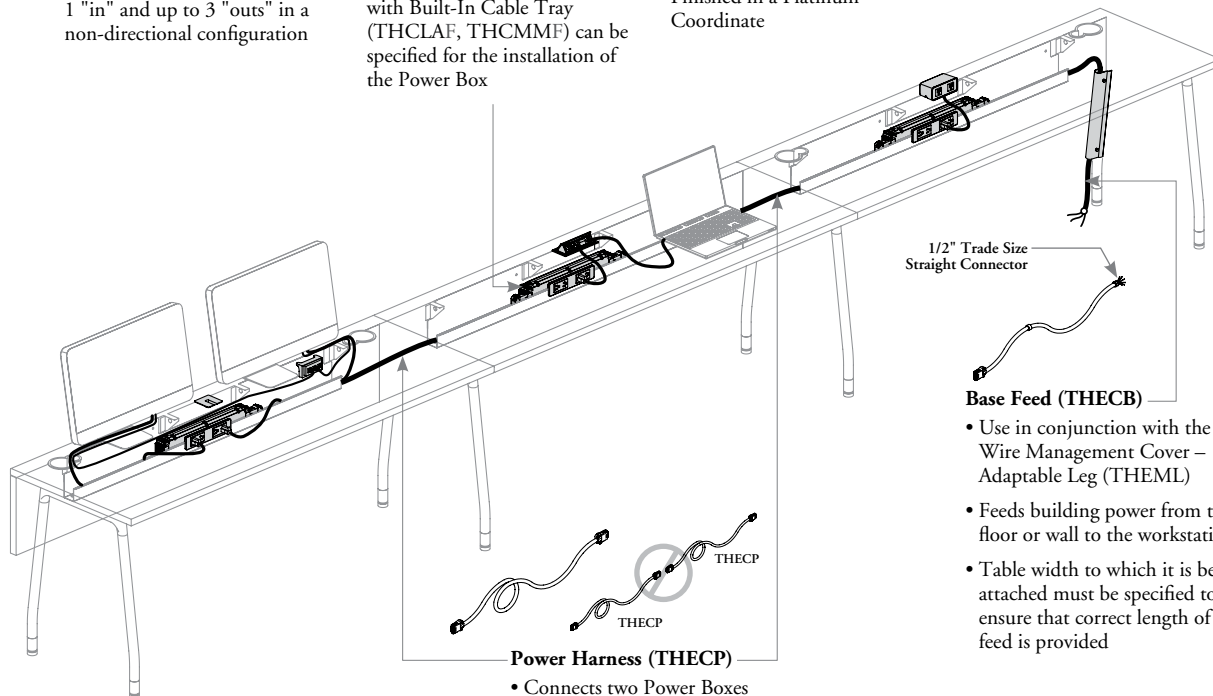
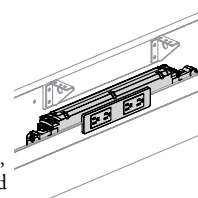


- Can only be used with Learning Worksurfaces. **Cannot** be used with Rectangular Flip-Top Tables
- All tables must be linked together with appropriate hardware when sharing electrics
- **Do not** energize from more than one source, it may cause serious injury
- All products below can be specified separately



Power Box (THEPB)

- Provides power access, under worksurface, to the Learning Tables
- **Cannot** be used with Library Tables or Hub Tables
- Equipped with four female connectors in order to facilitate 1 "in" and up to 3 "outs" in a non-directional configuration
- Available with two grey duplexes providing a total of four outlets. Connects up to four pieces of electrical equipment
- Available in single-sided version for individual positioning
- Only the Flush Modesty Panels with Built-In Cable Tray (THCLAF, THCMMF) can be specified for the installation of the Power Box
- Casual Modesty Panel with Built-In Cable Tray (THCLAC, THCMMC) can also be allowed when a Trapeze Worksurface is specified or when Rectangular Worksurfaces is used in Back-to-Back Configuration
- Finished in a Platinum Coordinate



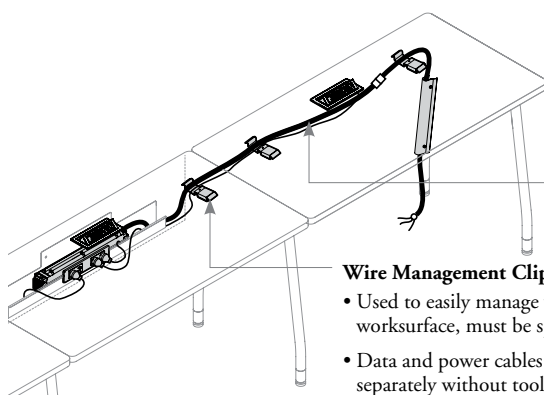
1/2" Trade Size
Straight Connector

Base Feed (THECB)

- Use in conjunction with the Wire Management Cover – Adaptable Leg (THEML)
- Feeds building power from the floor or wall to the workstation
- Table width to which it is being attached must be specified to ensure that correct length of feed is provided

Power Harness (THECP)

- Connects two Power Boxes
- Available in 3" increments up to a maximum length of 156"



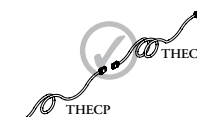
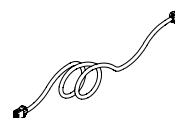
Wire Management Clips (THEMC)

- Used to easily manage wires underneath the worksurface, must be specified separately
- Data and power cables can be managed separately without tools
- Available from Complements: *Teknion's Ergonomic & Accessories* program



Power Harness Extension (THECE)

- Could be used as an extension with Power Harness (THECP), if two Power Box are **not** adjacent and total length exceeds maximum length available
- Could be used as an extension with Base Feed (THECB) when Power Box is **not** adjacent
- Available in 3" increments up to a maximum length of 138"



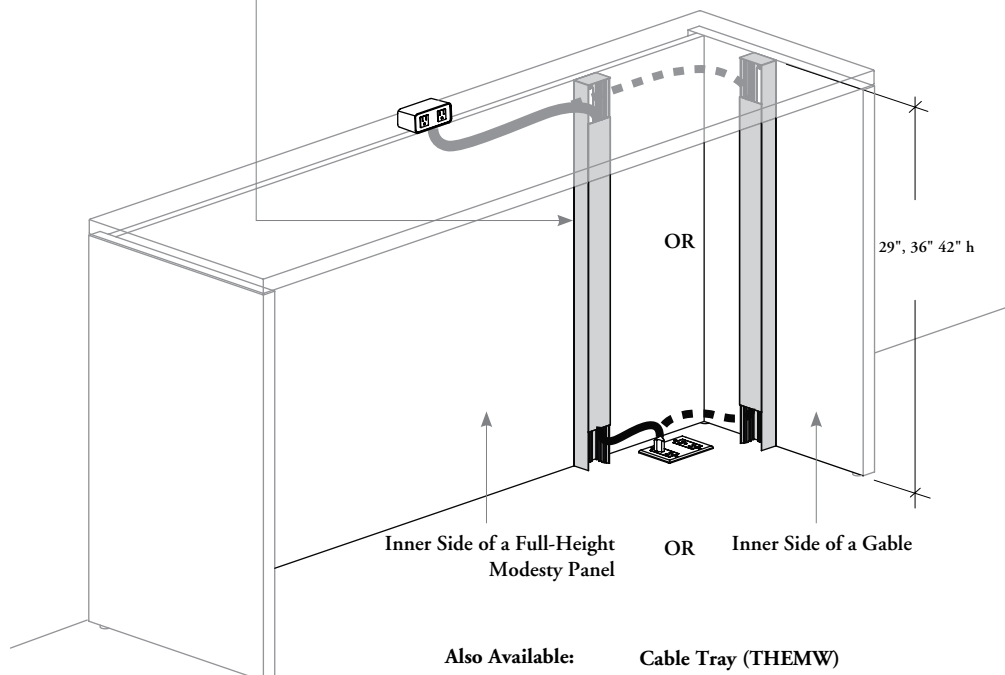
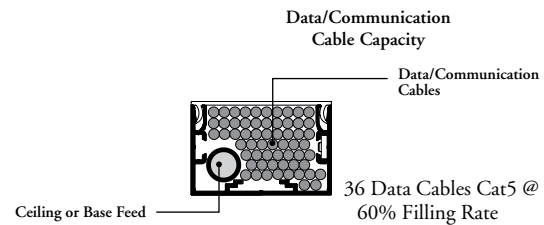
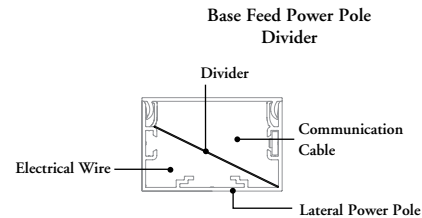
power & data distribution (continued)

- All products below can be specified separately
- All dimensions are actual



Base Feed Power Pole (THEMP)

- May be used to feed building power from the floor or wall to the workstation
- In-feeds are **not** included
- Included divider can be used to separate electrical wires and communication cables
- Can be mounted to the inner side of a gable or full-height modesty panel on Instructor Desks or Hub Tables
- Can also be mounted on Library Tables specified with End Gables, Rectangular Bases or Carrel Supporting End Screens
- Available in Foundation, Mica or Coordinate Colors. See Coordinate Colors listing on page 169

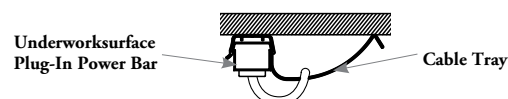


Also Available:



Cable Tray (THEMW)

- Is mounted below any worksurface to manage cables coming from the worksurface level
- Allows installation of Underworksurface Plug-In Power Bar (THEPP) only
- Comes with communication opening that measures 2.71" x 1.38" to accommodate Voice/data faceplates (**not** included)
- Finished in Black



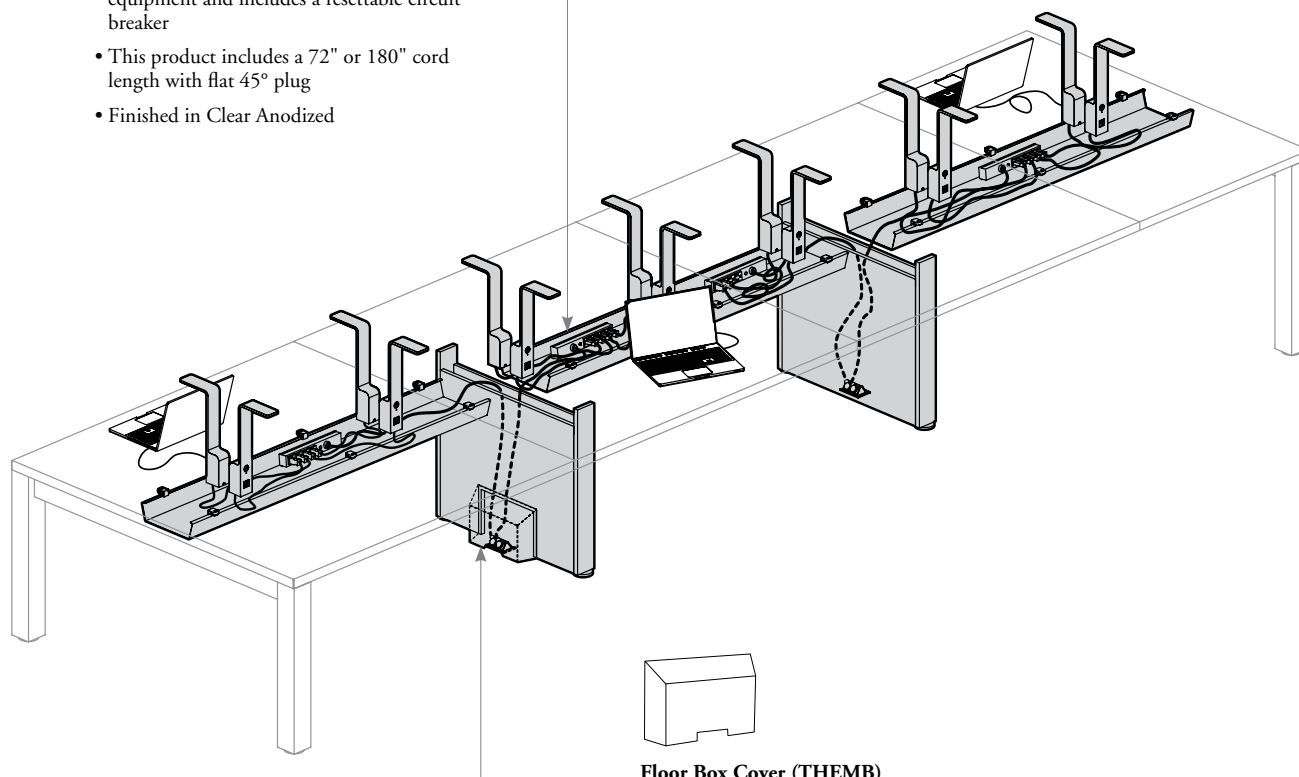
power & data distribution (continued)

❗ All products below can be specified separately



Underworksurface Plug-In Power Bar (THEPP)

- This product can lay in the Metal Cable Tray
- Provides a 3-wire system that can be used to connect up to four pieces of electrical equipment and includes a resettable circuit breaker
- This product includes a 72" or 180" cord length with flat 45° plug
- Finished in Clear Anodized



Floor Box Cover (THEMB)

- May be used to cover Floor Box exceeding a Rectangular Base of a Library Table
- Available in Foundation, Mica or Coordinate Colors

Also Available:



Cable Pass-Through Cover (THETC)

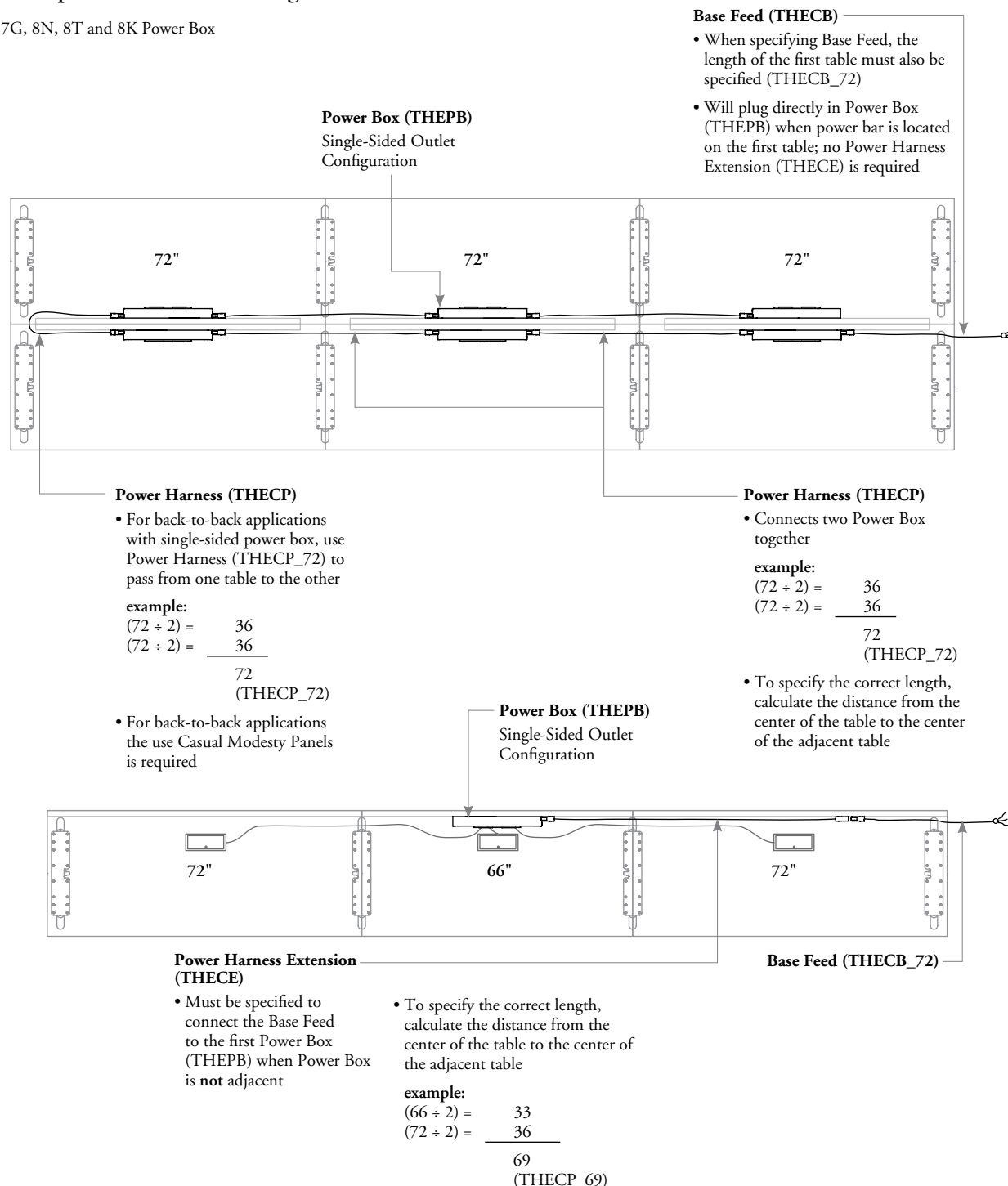
- Covers the Cable Pass-Through of Library or Hub Table
- Are available in Foundation, Mica or Coordinate Colors

specifying correct power harness length

- ❗ All harnesses can be specified in 4B, 5D, 7G, 8N, 8T, and 8K shielded wiring systems
- All Power Harnesses have a nominal length for ease of specification
- When determining the proper length of Power Harness, always calculate from center to center of tables. A nominal sized harness will take into consideration the width of the Power Box
- When determining the proper length of infeed, always specify table length
- Check local codes for potential limits or restrictions on products and local authority approval may be required prior to use

single-sided power box with rectangular worksurfaces

- 4B, 5D, 7G, 8N, 8T and 8K Power Box



specifying correct power harness length (continued)

single-sided power box with trapeze worksurfaces

- 4B, 5D, 7G, 8N, 8T and 8K Power Box

Power Box (THEPB)
Single-Sided Outlet Configuration

Power Harness (THECP)

- To specify the correct length, calculate the distance from the modesty panel center of the table to the modesty panel center of the adjacent table. For modesty panel width, refer to Modesty Panel Chart on page 65
- Wiring through Trapeze Worksurfaces will require adding 3"

example:
 $(66 \div 2) = 33$
 $(66 \div 2) = 33$
 $66 + 3$
 (THECP_69)

Base Feed (THECB)

- When specifying Base Feed, the length of the first modesty panel must be specified. For modesty panel width, refer to Modesty Panel Chart on page 65
- Wiring through Trapeze Worksurfaces will require adding 3"

example:
 $(66 + 3) = 69$
 (THECB_69)

single-sided power box with rectangular & connecting trapeze worksurfaces

- 4B, 5D, 7G, 8N, 8T and 8K Power Box

Connecting Trapeze Worksurface Width

36" to 54"

- Cannot be specified with Power Box
- To specify Power Harness length, calculate the distance from the center of the table to the center of the adjacent table

example:
 $(66 \div 2) = 33$
 $+ 33 = 33$ (Dim. harness on 48" Conn. Trapeze Work. (see chart below))
 $(66 \div 2) = 33$
 99
 (THECP_99)

Base Feed (THECB)
When specifying Base Feed, the length of the first table must also be specified (THECB_66)

Power Harness Length for Connecting Trapeze Worksurface

Table Depth	Table Width	Harness Length
20"	36"	30"
	48"	36"
	54"	42"
24"	36"	27"
	48"	33"
	54"	39"
30"	36"	24"
	48"	30"
	54"	36"

Connecting Trapeze Worksurface Width

60" or 66"

Calculating the Power Harness length

example:
 $(51 \div 2) = 25,5$ (Dim. harness on 66" Conn. Trapeze Work. (see chart below))
 $(66 \div 2) = 33$
 $58,5$
 (THECP_60)

Base Feed (THECB_66)

Power Harness Length for Connecting Trapeze Worksurface

Table Depth	Table Width	Harness Length
20"	60"	48"
	66"	54"
24"	60"	45"
	66"	51"
30"	60"	39"
	66"	45"

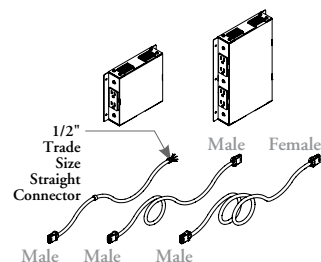
Power Box (THEPB)
Single-Sided Outlet Configuration

power kit components

Thesis offers also a wide variety of components for efficient and discreet management of electrical wiring under Library Tables.

- ❗ The wiring system is available in 7K only
- ADA Extension for Library Table only
- **Do not** energize from more than one source, it may cause serious injury
- Check local codes for potential limits or restrictions on products and local authority approval may be required prior to use

power component included with kits



Power Kit – Library Table (THEPKL)

- Two power box capacity configurations are available:

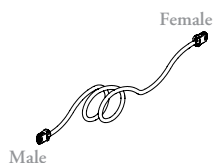
Standard-capacity:

- Four outlets
- Circuits 1 & 2 outlet configurations or

High-capacity:

- Eight outlets
- Circuits 1, 2, A & B outlet configurations

- Base Feed, Power Harness and Power Harness Extension (when required) are included
- Base Feed routes power from the building wall or floor to a Rectangular Base, End Gable or Intermediate Base to above the Library Table



Base Feed Extension Harness – Library Table (THEPKE)

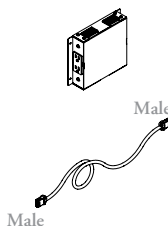
- Allows power extension between one power box and one base feed only
- Two lengths are available:

Short (S):

- Use with Double-Sided Library Tables for 4-users or
- Used with odd Single-Sided Library Tables from right

Long (L):

- Used with other all configurations, Single- or Double-Sided Library Tables



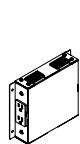
Power Kit – ADA Extension for Library Table (THEPKA)

- Only standard-capacity power box is available
 - Four outlets
 - Circuits A & B outlet configurations
- Power Harness is included

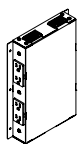
power component basics

Power Box

- Are available in Standard- and/or High-Capacity applications:



Standard-Capacity



High-Capacity

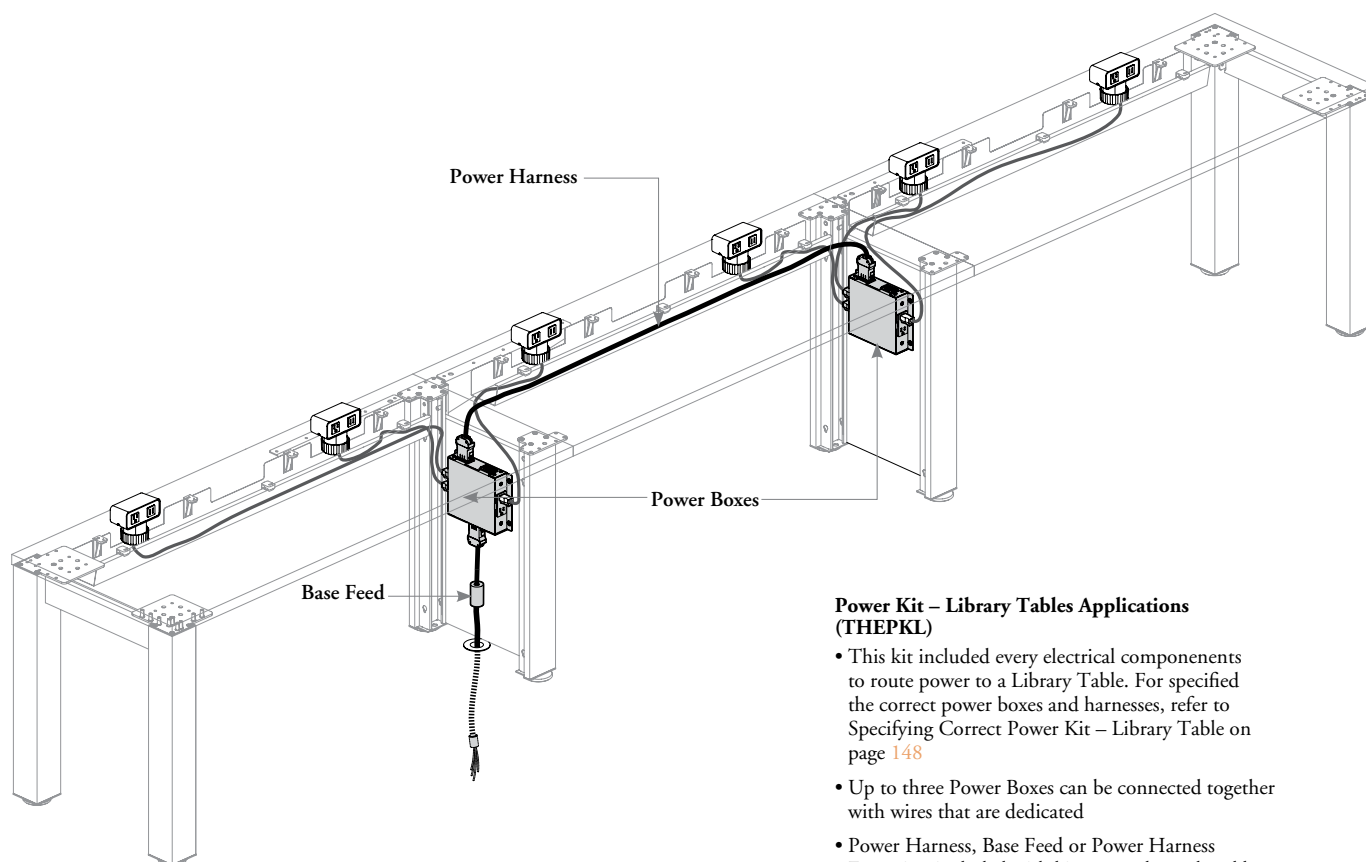
- Equipped with three female connectors in order to facilitate one "in" and up to two "out" in a non-directional configuration
- Must be installed inside a Intermediate Base only
- Specify carefully to ensure proper power capacity if combined with Underworksurface Plug-In Power Bar (THEPP) system capacity must be validated
- Box is finished in black with grey simplex outlets

power kit distribution

The following examples demonstrate how electrical is routed through a Library Table and ADA Extension for Library Table.

- ❗ Power is supplied to the workstations by a feed kit that is routed through the Intermediate Base, Rectangular Base, Solid End Gable and Metal Cable Tray
- The quick connects on power boxes are all the same, so a Library Table can consist of a combination of power box types
- All products below can be specified separately
- Components and harness length included with kit may vary depending of the configuration specified. For details, see on following pages

The applications illustrated on next pages are possible, as much for Single- or Double-Sided Library Tables



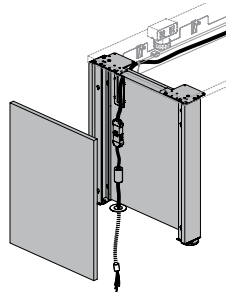
Power Kit – Library Tables Applications (THEPKL)

- This kit included every electrical components to route power to a Library Table. For specified the correct power boxes and harnesses, refer to Specifying Correct Power Kit – Library Table on page 148
- Up to three Power Boxes can be connected together with wires that are dedicated
- Power Harness, Base Feed or Power Harness Extension included with kit **cannot** be replaced by Power Harness (THECP), Base Feed (THECB) or Power Extension Harness (THECE)
- When Power/Data Center are specified with table, the 120" length cord must be specified
- Power Box **cannot** be repositionned

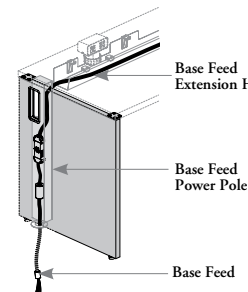
power kit distribution (continued)

Base Feed Extension Harness Application (THEPKE)

- Is needed when the Base Feed is installed elsewhere that in an Intermediate Base with power (from a building wall or floor to a Rectangular Base, a End Gable or a Intermediate Base without a power box)
- Allows power extension between one power box and one base feed only
- A Power Extension Harness (THECE) **cannot** replaced a Base Feed Extension Harness and vice versa
- A Base Feed and Base Feed Extension Harness **cannot** be installed inside the Intermediate Base included with ADA Extension when the proper power kit is **not** specified

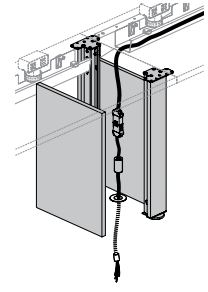


Rectangular Base

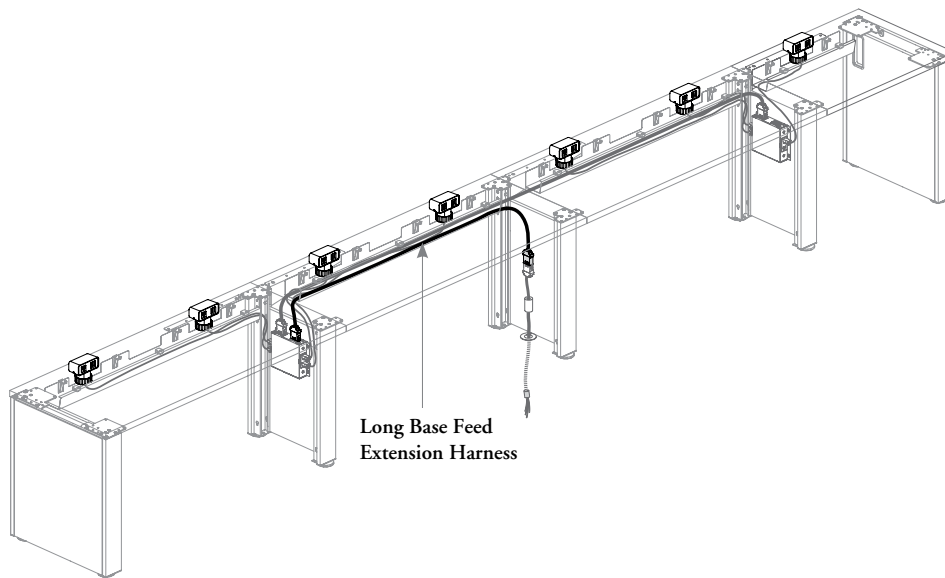


End Gable – Solid

When used with a End Gable, a Base Feed Power Pole (THEMP) must be specified to hide and feed harnesses



Intermediate Base without a Power Box

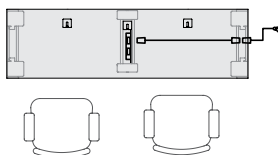


Long Base Feed Extension Harness

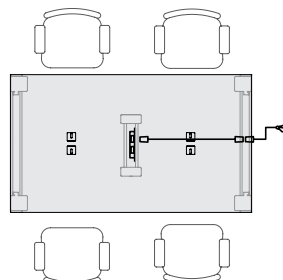
Two lengths for Base Feed Extension Harness is available:

- The length is determined by one of the configurations below

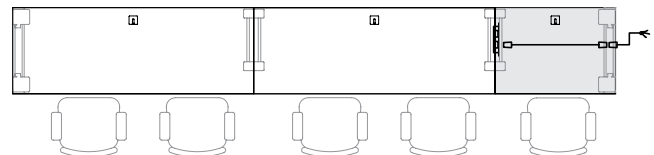
Short Configurations



Single-Sided Library Table – 2-Users

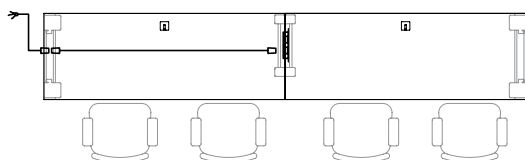


Double-Sided Library Table – 4-Users



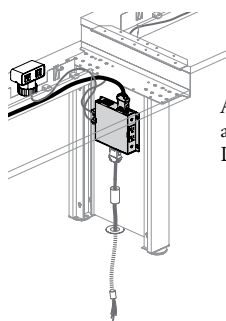
Odd Single-Sided Library Table from right

Long Configuration

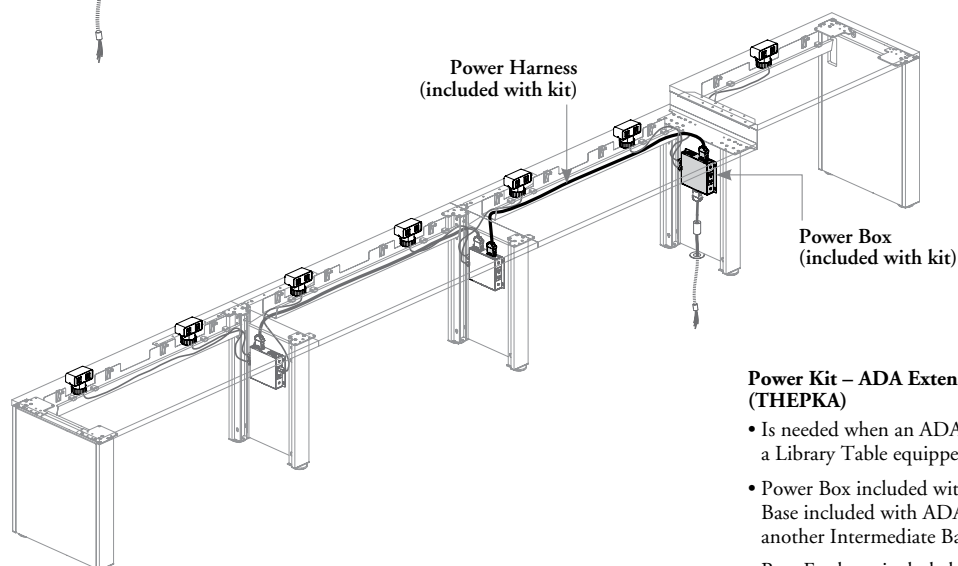


All other configurations – Single- or Double-Sided Library Tables

power kit distribution (continued)



ADA Power Box can be connected to a Base Feed included in Power Kit – Library Table (THEPKL)



Power Kit – ADA Extension for Library Tables Applications (THEPKA)

- Is needed when an ADA Extension with Grommet/Accessory is added to a Library Table equipped of the a Power Kit – Library Table (THEPKL)
- Power Box included with kit can only be used to inside Intermediate Base included with ADA Extension and **cannot** be repositionned in another Intermediate Base of the Library Table
- Base Feed **not** included. Must be connected to Power Kit – Library Table (THEPKL)
- Power Harness included with kit is **not** compatible with Power Harness (THECP) and Base Feed (THECB)

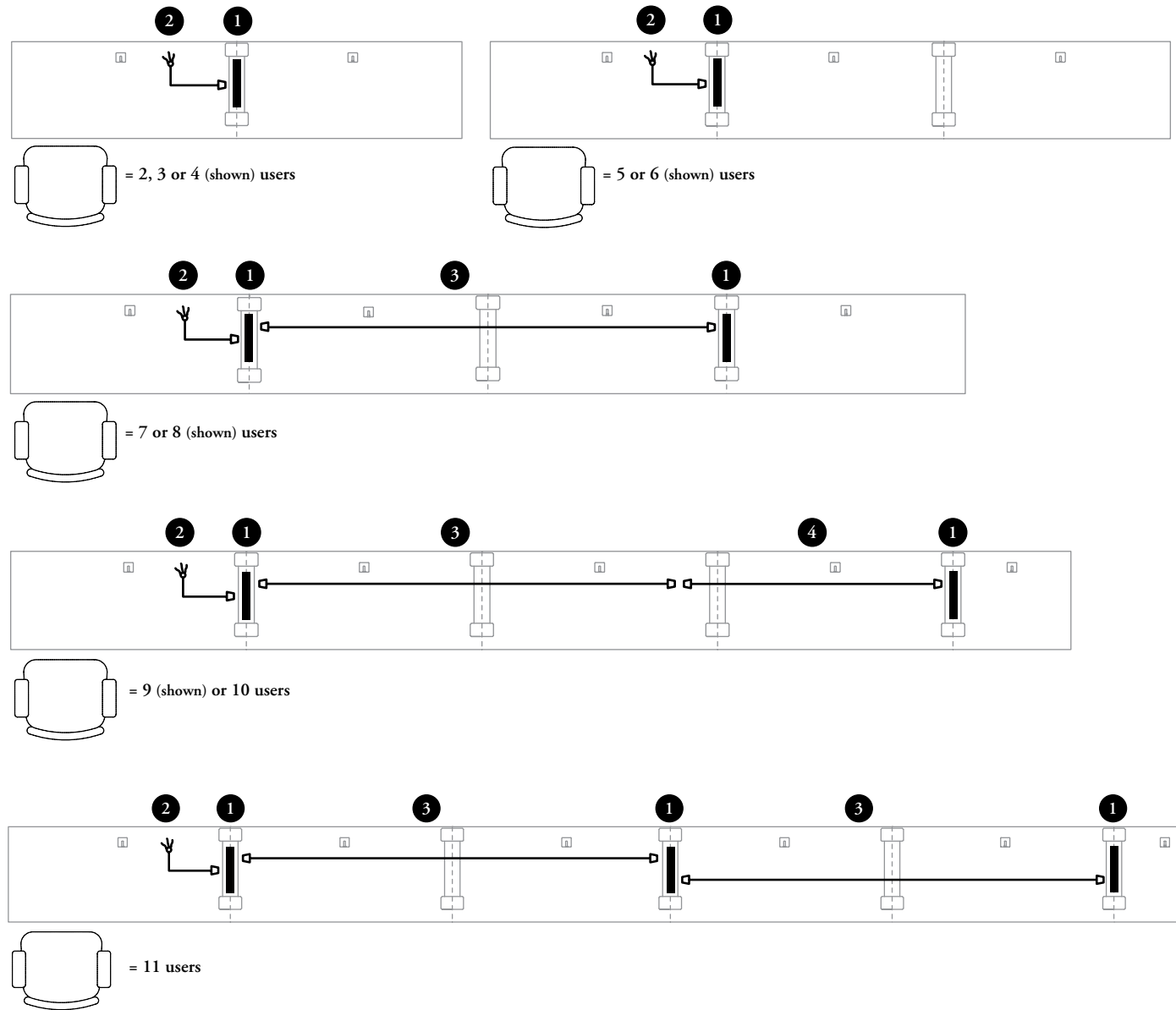
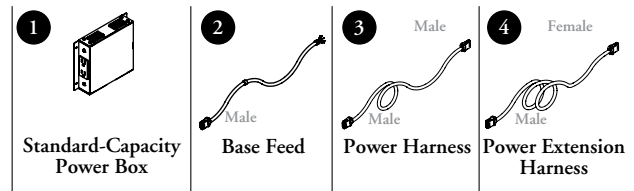
specifying correct power kit – library table

- ❗ The Base Feed illustrated in the following pages are always included with kit and it can also be routed from the building wall or floor to a Rectangular Base, End Gable or Intermediate Base. Only shown for a better comprehension
- Other harness (THEPKE) and kits (THEPKA) can be connected with this kits, refer on previous pages for each kit application
- Base Feed can be located anywhere a Power Box is installed

single-sided library table applications

SHARED GROMMET PER TWO USERS (D)

30" WIDTH PER USER

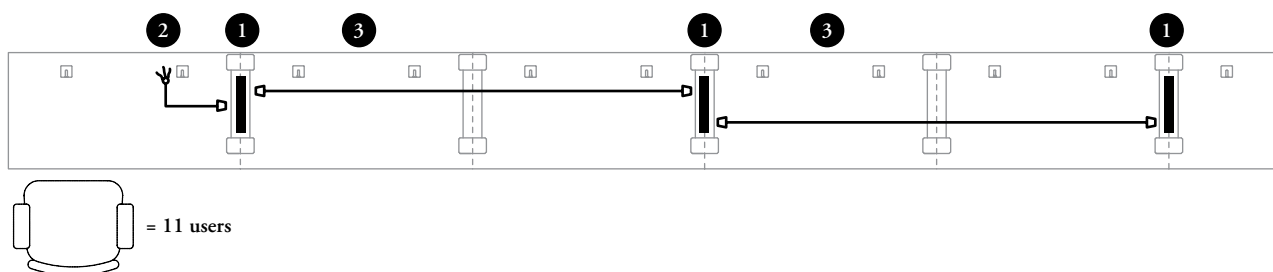
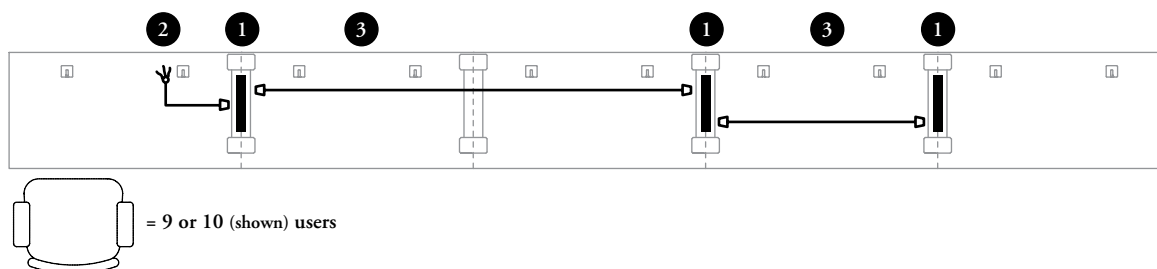
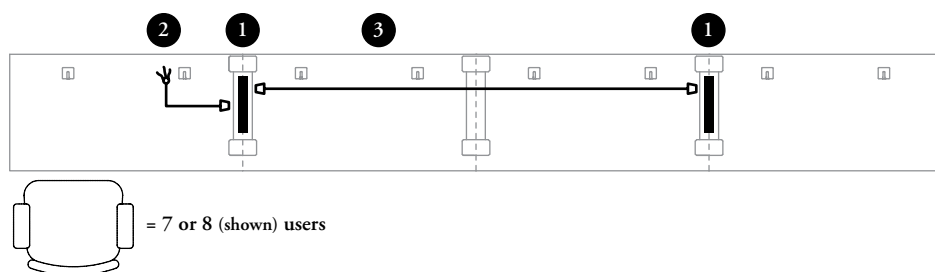
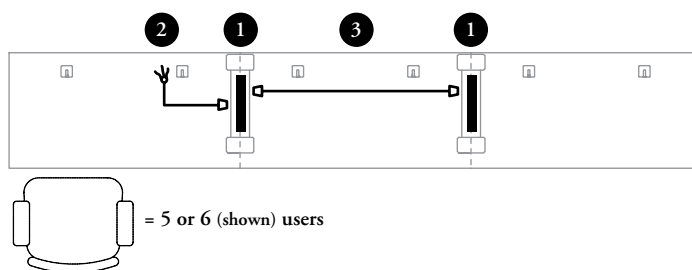
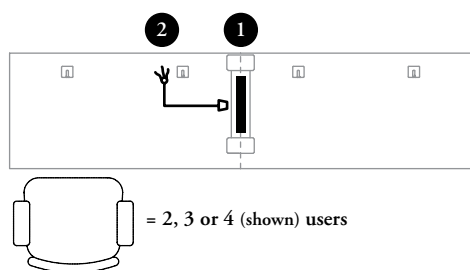
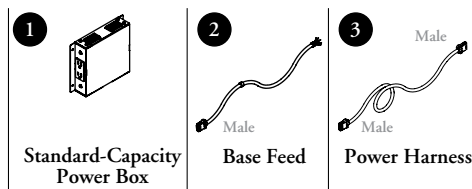


specifying correct power kit – library table (continued)

single-sided library table applications

ONE GROMMET PER USERS (S)

30" WIDTH PER USER

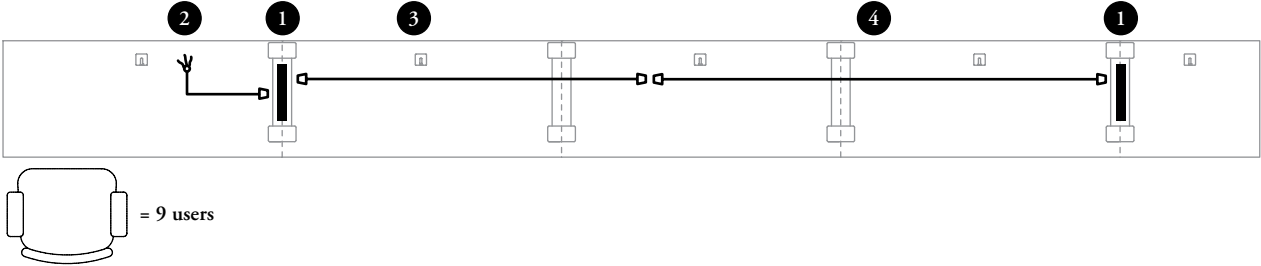
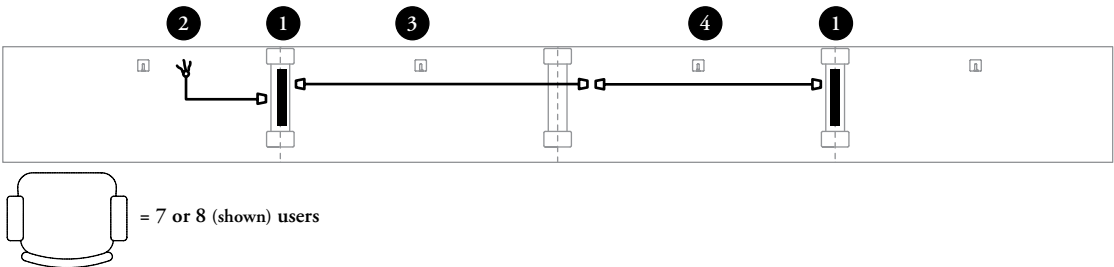
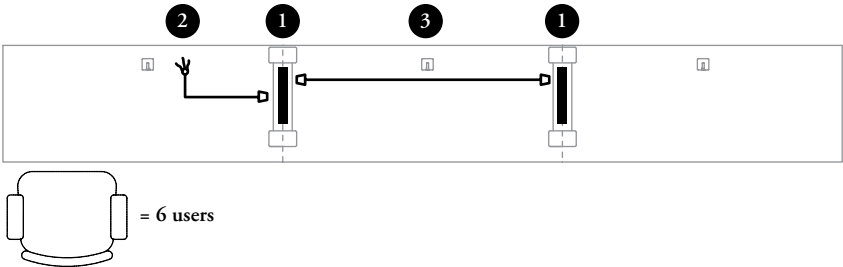
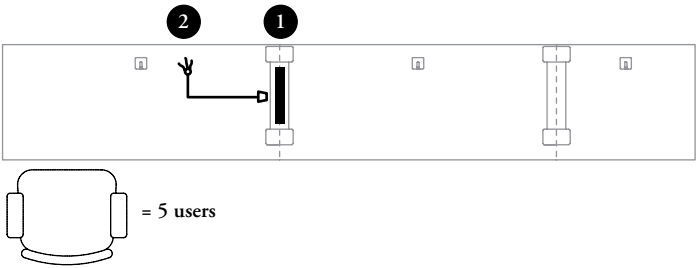
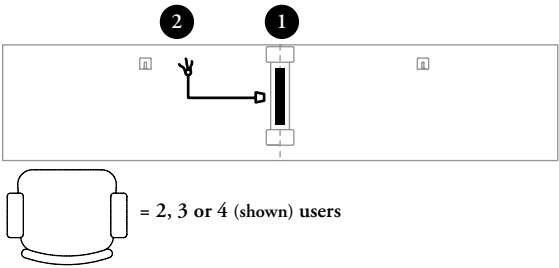
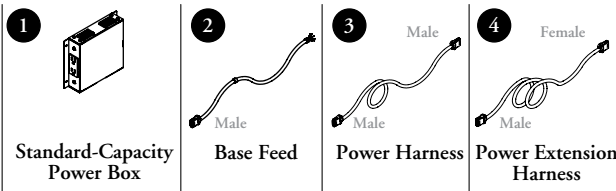


specifying correct power kit – library table (continued)

single-sided library table applications

SHARED GROMMET PER TWO USERS (D)

36" WIDTH PER USER

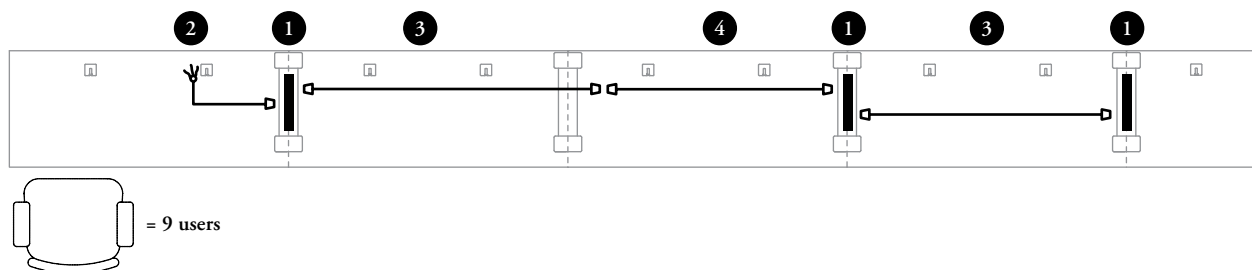
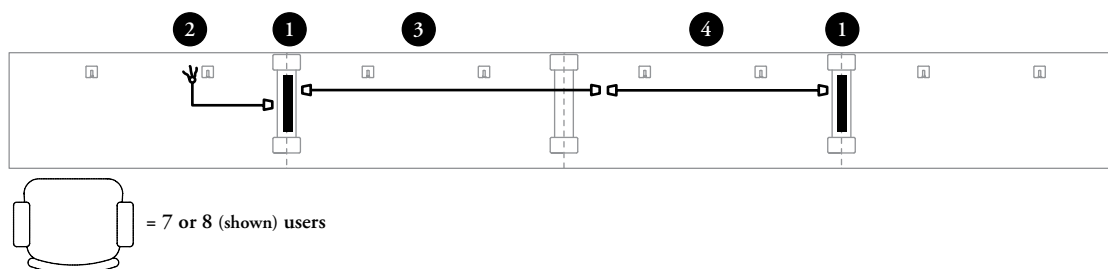
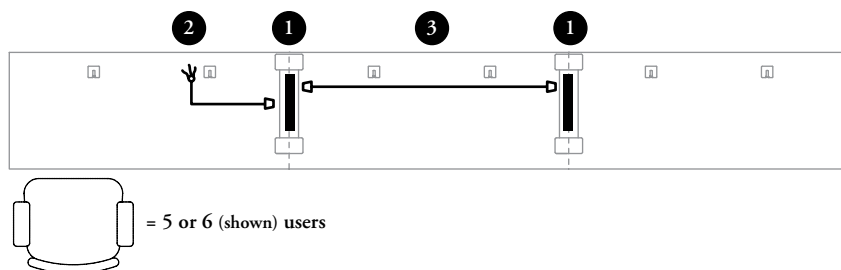
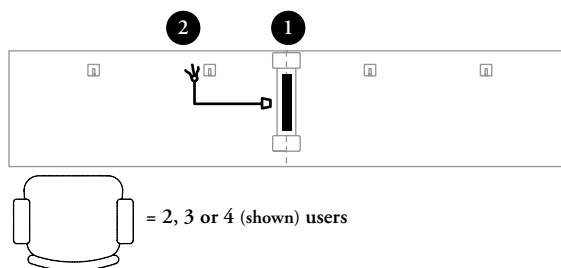
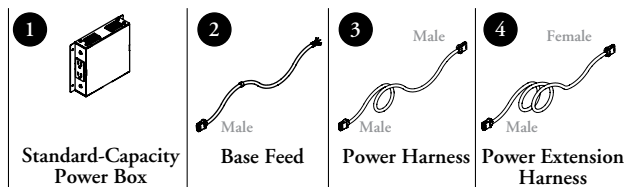


specifying correct power kit – library table (continued)

single-sided library table applications

ONE GROMMET PER USERS (S)

36" WIDTH PER USER



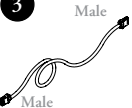
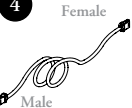


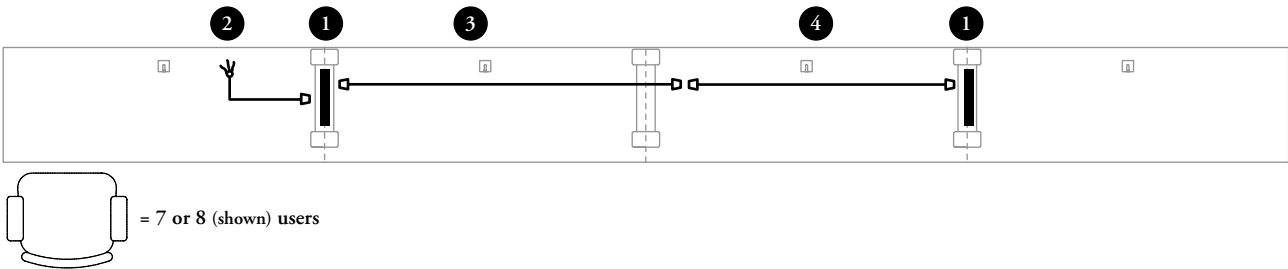
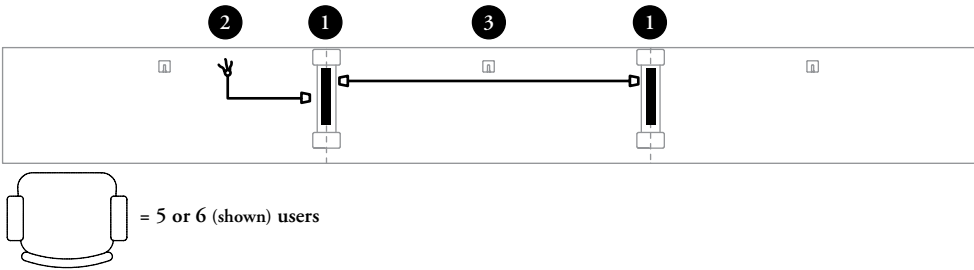
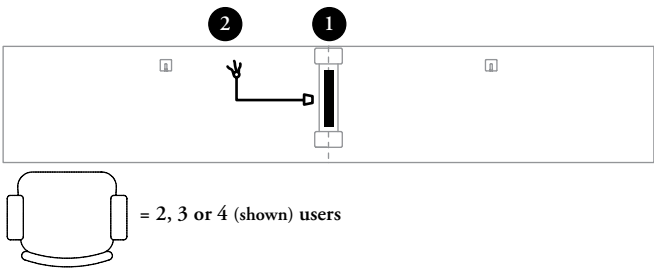
specifying correct power kit – library table (continued)

single-sided library table applications

SHARED GROMMET PER TWO USERS (D)

42" WIDTH PER USER

1		2		3		4	
	Standard-Capacity Power Box		Base Feed		Power Harness		Power Extension Harness

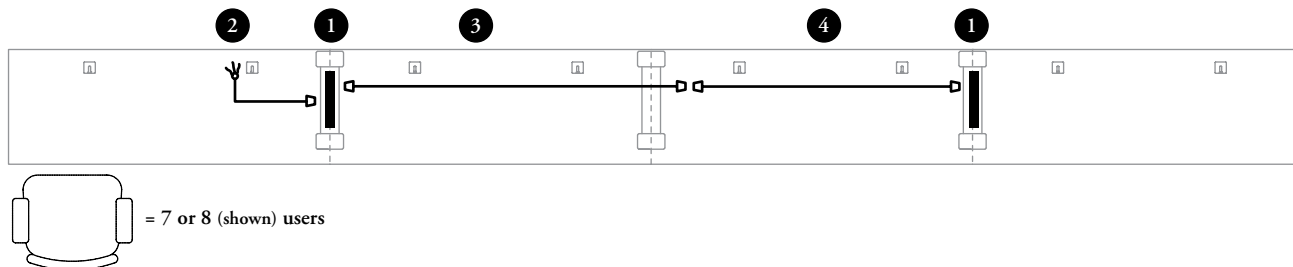
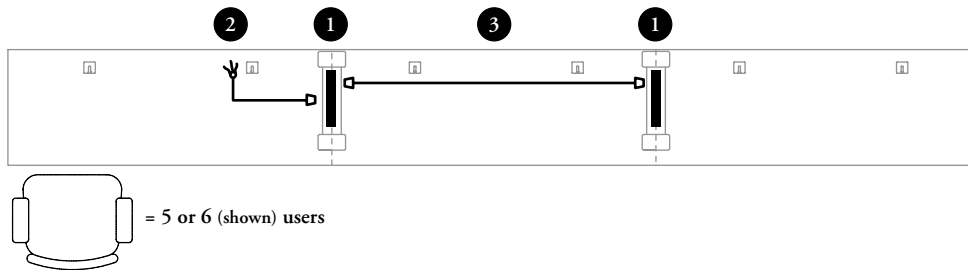
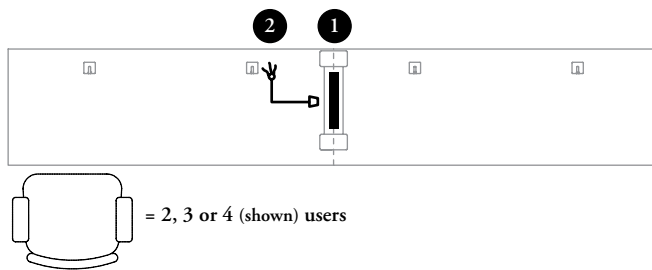
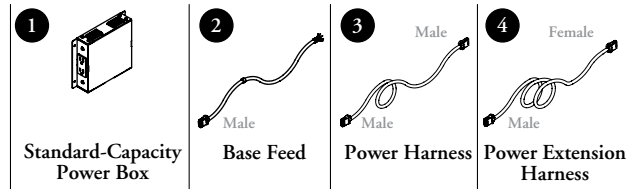


specifying correct power kit – library table (continued)

single-sided library table applications

ONE GROMMET PER USERS (S)

42" WIDTH PER USER



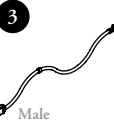
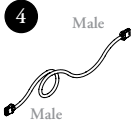
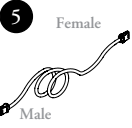


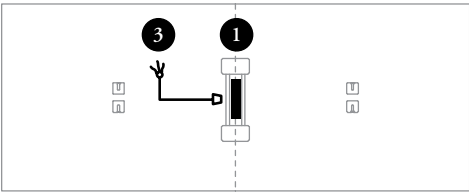
specifying correct power kit – library table (continued)

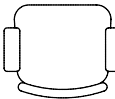
double-sided library table applications

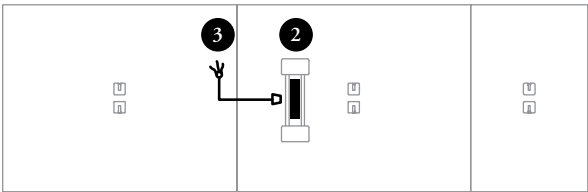
SHARED GROMMET PER TWO USERS (D)

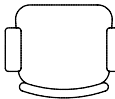
30" WIDTH PER USER

1	2	3	4	5
				
Standard-Capacity Power Box	High-Capacity Power Box	Base Feed	Power Harness	Power Extension Harness

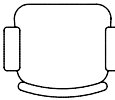


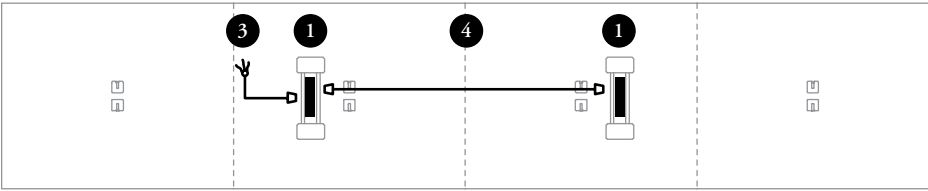
 = 4, 6 or 8 (shown) users

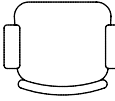


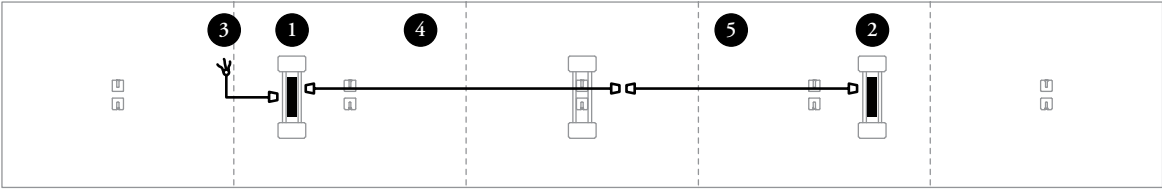
 = 10 users

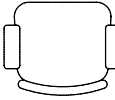


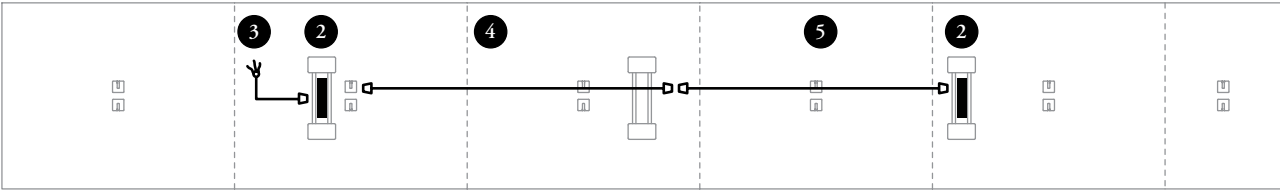
 = 12 users

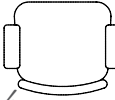


 = 14 or 16 (shown) users



 = 18 or 20 (shown) users



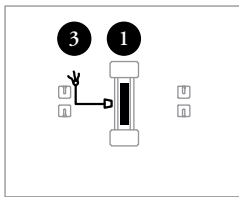
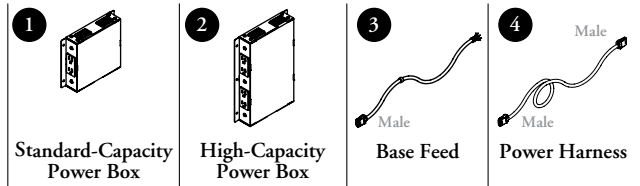
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specifying correct power kit – library table (continued)

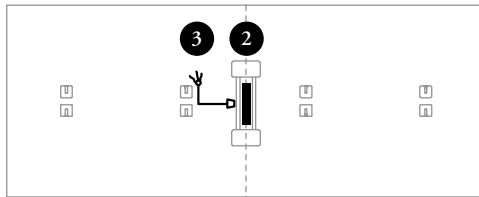
double-sided library table applications

ONE GROMMET PER USERS (S)

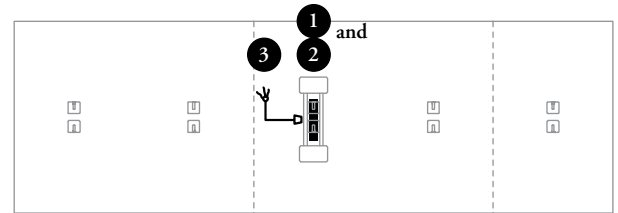
30" WIDTH PER USER



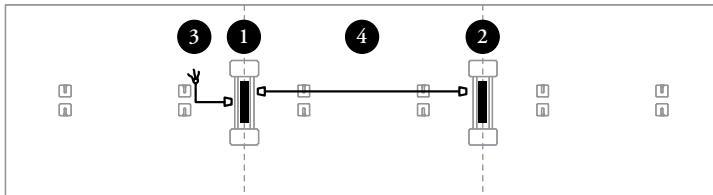
= 4 users



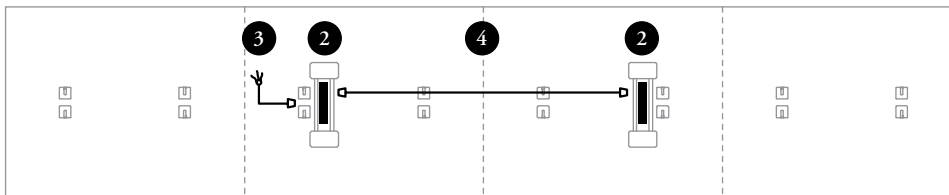
= 6 or 8 (shown) users



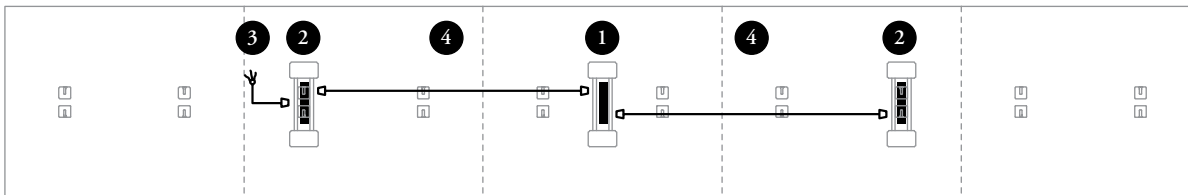
= 10 users



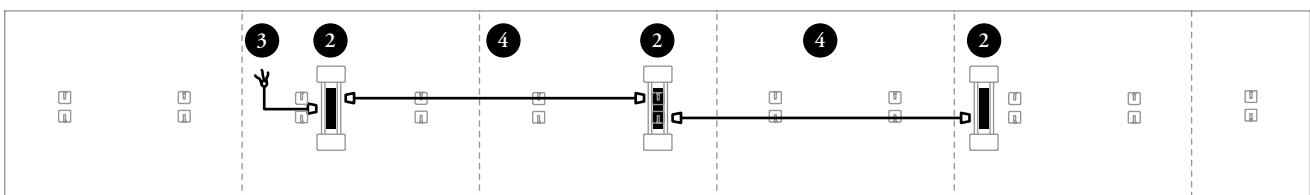
= 12 users



= 14 or 16 (shown) users



= 18 or 20 (shown) users



= 22 users

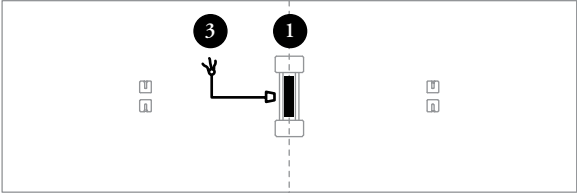
specifying correct power kit – library table (continued)

double-sided library table applications

SHARED GROMMET PER TWO USERS (D)

36" WIDTH PER USER

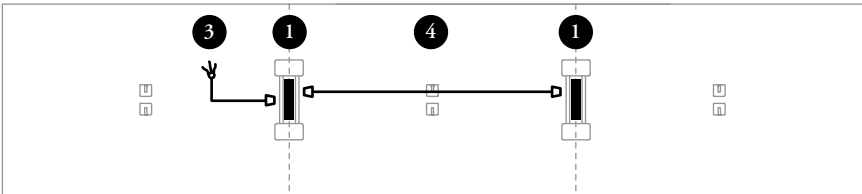
1	2	3	4	5
Standard-Capacity Power Box	High-Capacity Power Box	Base Feed	Power Harness	Power Extension Harness



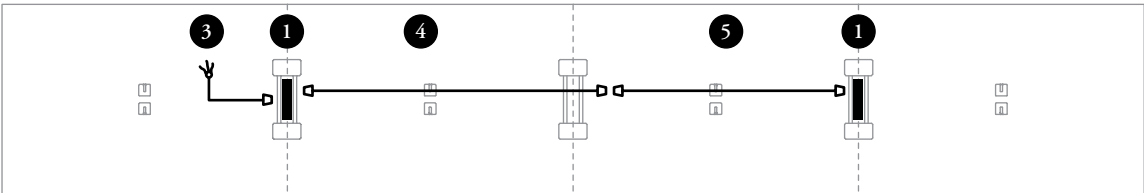
= 4, 6 or 8 (shown) users



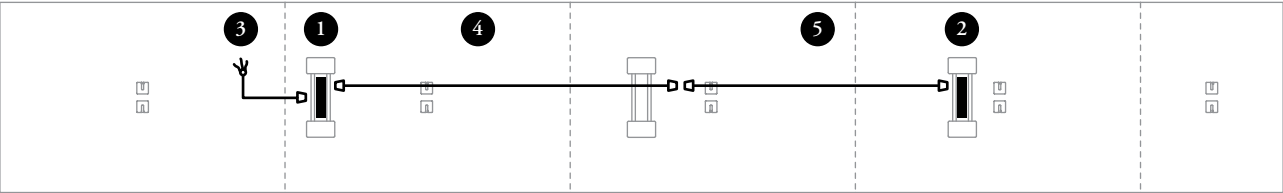
= 10 users



= 12 (shown) or 14 users



= 16 users



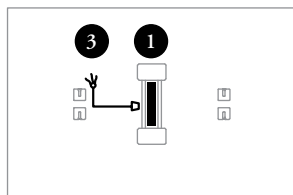
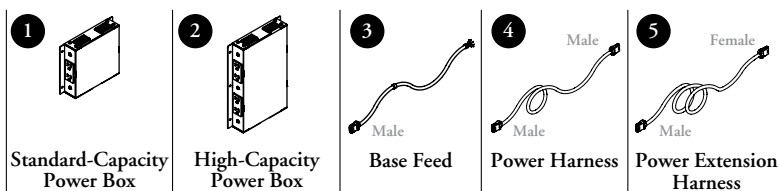
= 18 users

specifying correct power kit – library table (continued)

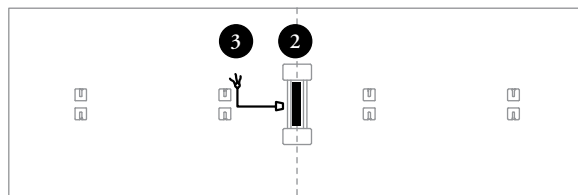
double-sided library table applications

ONE GROMMET PER USERS (S)

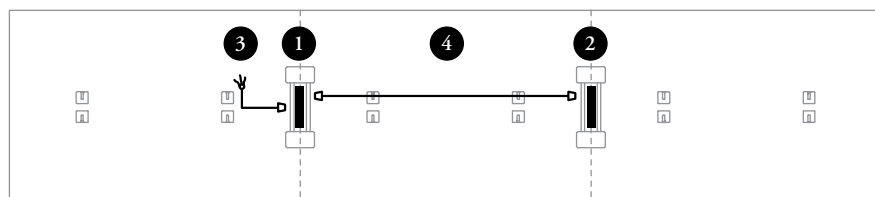
36" WIDTH PER USER



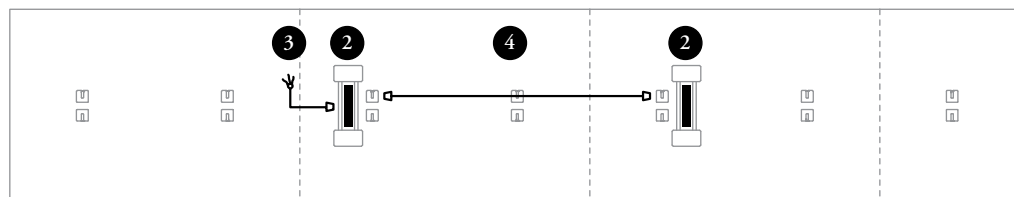
= 4 users



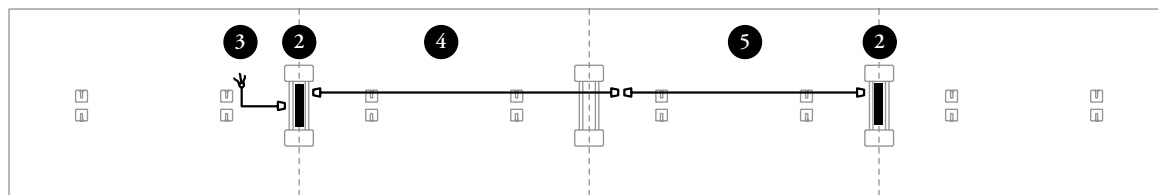
= 6 or 8 (shown) users



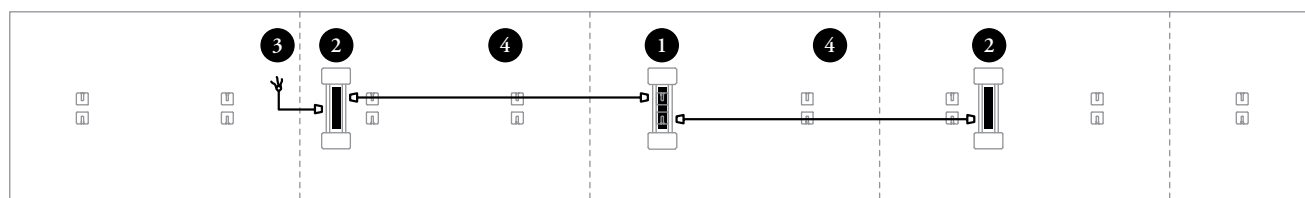
= 10 or 12 (shown) users



= 14 users



= 16 users







= 18 users

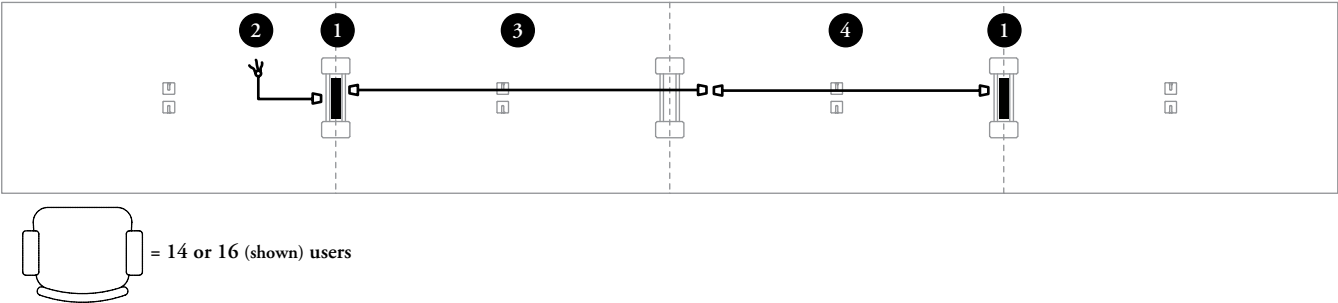
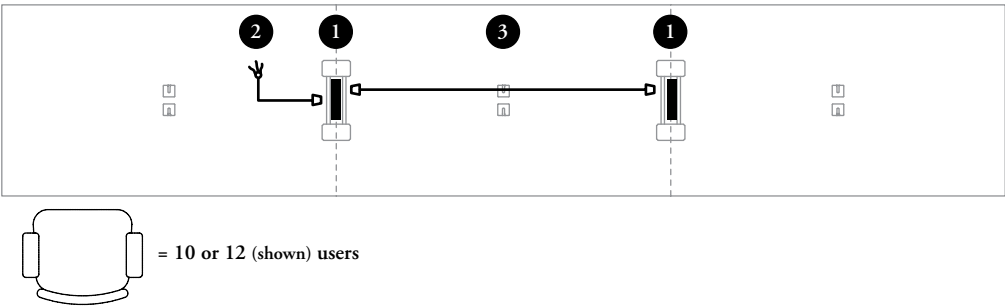
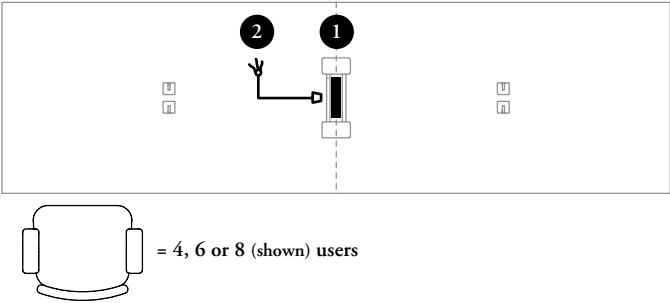
specifying correct power kit – library table (continued)

double-sided library table applications

SHARED GROMMET PER TWO USERS (D)

42" WIDTH PER USER

1	2	3	4
			
Standard-Capacity Power Box	Base Feed	Power Harness	Power Extension Harness

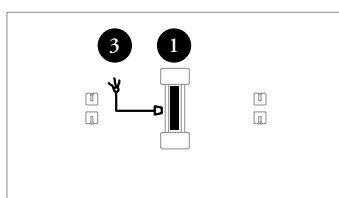
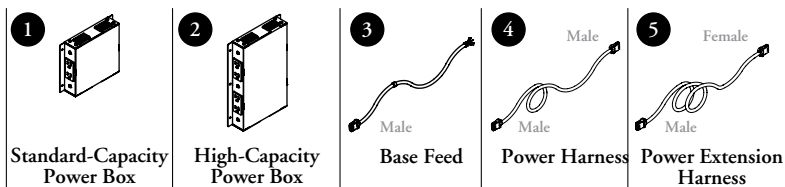


specifying correct power kit – library table (continued)

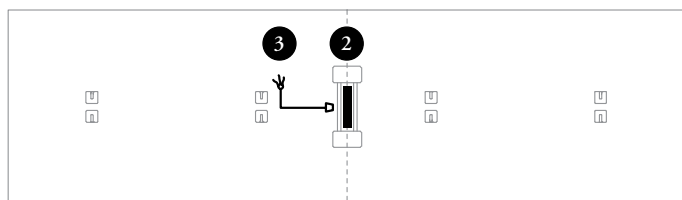
double-sided library table applications

ONE GROMMET PER USERS (S)

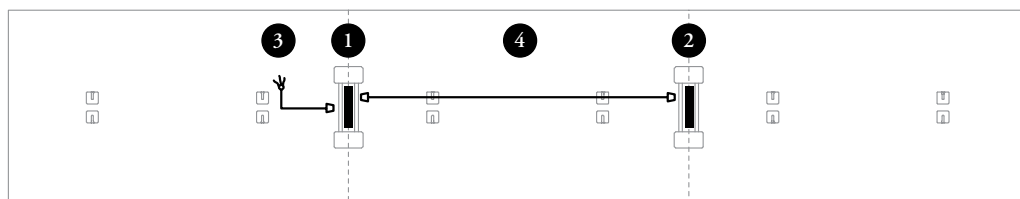
42" WIDTH PER USER



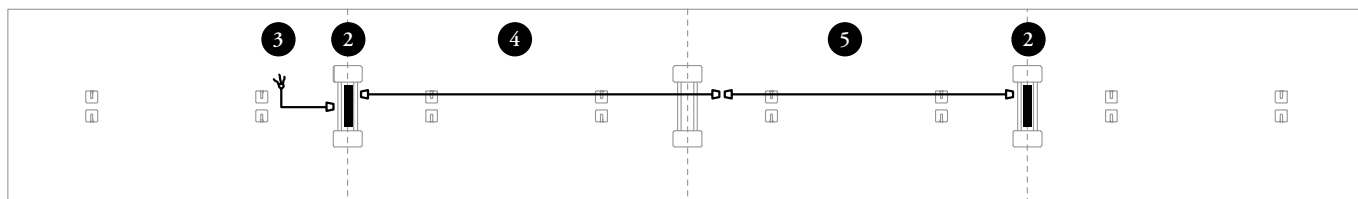
= 4 users



= 6 or 8 (shown) users



= 10 or 12 (shown) users











= 14 or 16 (shown) users

wiring systems

The following provides general information on the wiring system offering in Thesis.

❗ It is important to specify each power and cable management product according to the wire system in use; see example below

3-Wire (Plug-in)	No. Regular Circuits	No. Isolated Circuits
 Circuit 1 (Black) Neutral (White) Ground (Green)	1	0
4-Wire (4B)		
 Circuit 1 (Black) Circuit 2 (Red) Neutral (White) Ground (Green)	2	0
5-Wire (5D)		
 Circuit 1 (Black) Circuit 2 (Red) Circuit 3 (Blue) Neutral (White) Ground (Green)	3	0
7-Wire (7K)		
 Circuit 1 (Black) Circuit 2 (Red) Neutral (White) Circuit A (Orange) Circuit B (Blue) Neutral (White/Orange) Ground (Green)	4	0
7-Wire Isolated (7G)		
 Circuit 1 (Black) Circuit 2 (Red) Neutral (White) Ground (Green) Isolated Circuit 5 (Orange) Isolated Neutral (White/Orange) Isolated Ground (Green/Orange)	2	1
8-Wire Isolated – Separate Neutral (8N)		
 Circuit 1 (Black) Neutral (White) Circuit 2 (Red) Neutral (White/Red) Ground (Green) Isolated Circuit 5 (Orange) Isolated Neutral (White/Orange) Isolated Ground (Green/Orange)	2	1
8-Wire Isolated (8T)		
 Circuit 1 (Black) Circuit 2 (Red) Circuit 3 (Blue) Neutral (White) Ground (Green) Isolated Circuit 5 (Orange) Isolated Neutral (White/Orange) Isolated Ground (Green/Orange)	3	1
8-Wire Dual Isolated (8K)		
 Circuit 1 (Black) Circuit 2 (Red) Neutral (White) Ground (Green) Isolated Circuit 5 (Orange) Isolated Circuit 6 (Blue) Isolated Neutral (White/Orange) Isolated Ground (Green/Orange)	2	2

• Example, if the system in use is 7-Wire Isolated (7G), each Base Feed, Power Harnesses and Power Box must be specified for 7G, as follows:

System	Product Name	Product Code
7G	Base Feed	THECB7G
	Power Harnesses and Extension	THECP7G, THECE7G
	Power Box	THEPB7G

• This specification is **not** required for lighting products. However, **not** all products are available for all wire systems

• There is a standard color coding for each wiring system and for the connector patterns in conjunction with these:

Standard Circuit 1, Hot Wire: Black
 Standard Circuit 2, Hot Wire: Red
 Standard Circuit 3, Hot Wire: Blue
 Standard Circuit A, Hot Wire: Orange
 Standard Circuit B, Hot Wire: Blue
 Isolated Circuit 5, Hot Wire: Orange
 Isolated Circuit 6, Hot Wire: Blue

Standard Neutral Wire: White
 Standard Ground Wire: Green
 Isolated Neutral Wire: White/Orange stripe
 Isolated Ground Wire: Green/Orange stripe

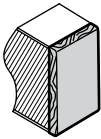
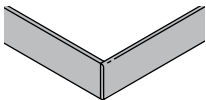
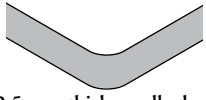
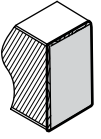
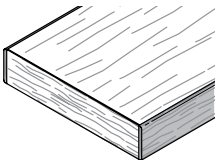
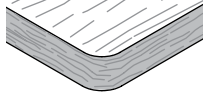
• In wiring systems with more than one incoming hot wire, some or all of the hot wires use the same neutral and ground. For example, in the 5-Wire (5D) system, there are three hot wires. All three hot wires use the same neutral/return wire and the same ground wire. The 8-Wire Separate Neutral (8N) system provides one neutral wire for each hot wire

edge details & applications

The chart below indicates which edge trim styles can be specified with Thesis Table surface finishes.

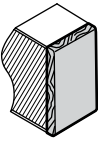
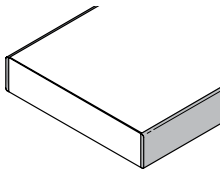
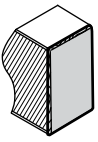
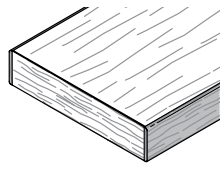
- ❗ Shading indicates user edge
- The Flintwood Flat Trim (9) always match surface color finish

edge trim chart for learning products and hub table

edge on product	description		source laminate worksurface finish	foundation laminate or HPL whiteboard worksurface finish	flintwood worksurface finish
Straight Trim (6) 	Standard Corner Style  3 mm thick on all edges		Yes	Yes	n/a
	Radius Corner Style  2,5 mm thick on all edges * Back Laminate for Rectangular Flip-Top Table with Glass Top comes with the same edge thicknesses and corner styles				
Flintwood Flat Trim (9) 	Standard Corner Style  2,8 mm thick on width edges and 1,4 mm thick on depth edges		n/a	n/a	Yes
	Radius Corner Style  1,5 mm thick on all edges				

edge details & applications (continued)

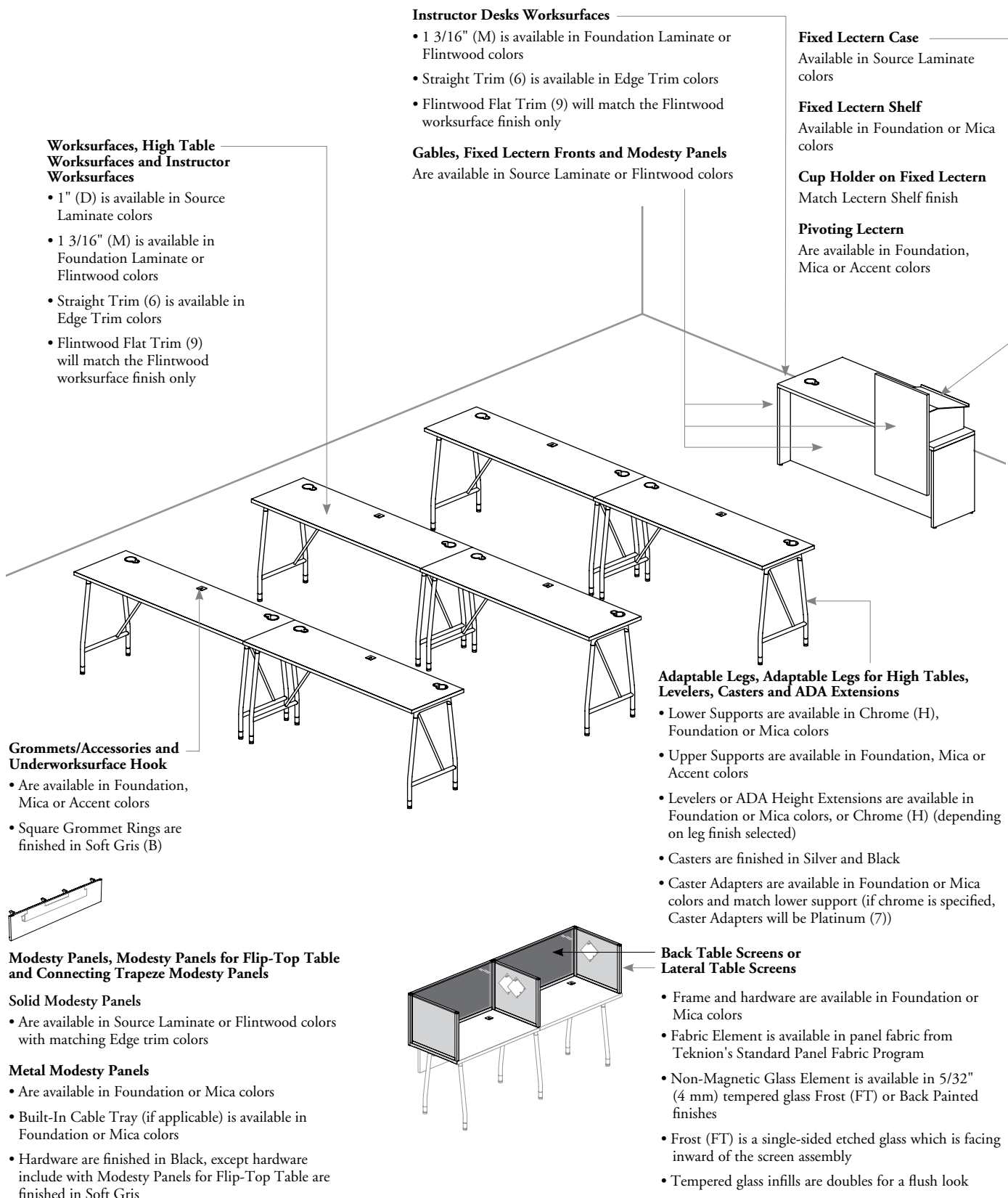
edge trim chart for library tables and extensions for library table

edge on product	description	source laminate worksurface finish	foundation laminate worksurface finish	flintwood worksurface finish
Straight Trim (6) 	All library and extensions worksurfaces  3 mm thick on width edges and 1,5 mm thick on depth edges	n/a	Yes	n/a
Flintwood Flat Trim (9) 	All library and extensions worksurfaces  2,8 mm thick on width edges and 1,4 mm thick on depth edges	n/a	n/a	Yes

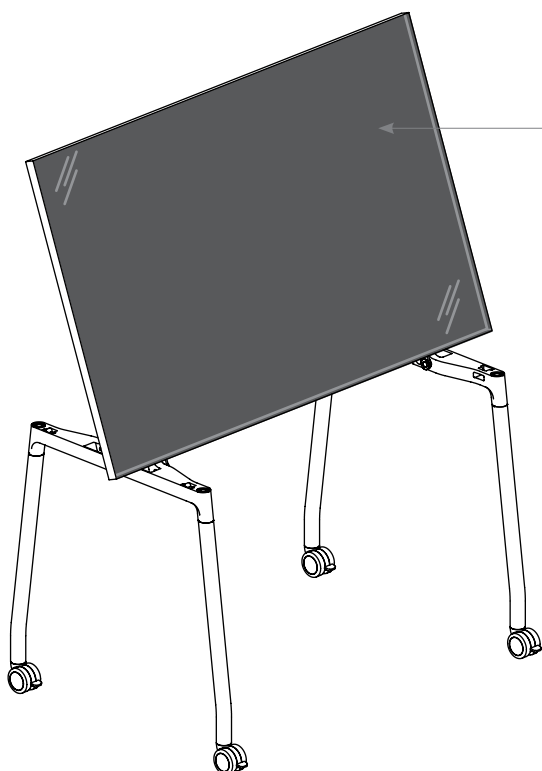
finishes

Tables and related parts are available in a wide variety of finish colors.

❗ All Solid components are protected with a solid plastic edge



finishes (continued)



Front View

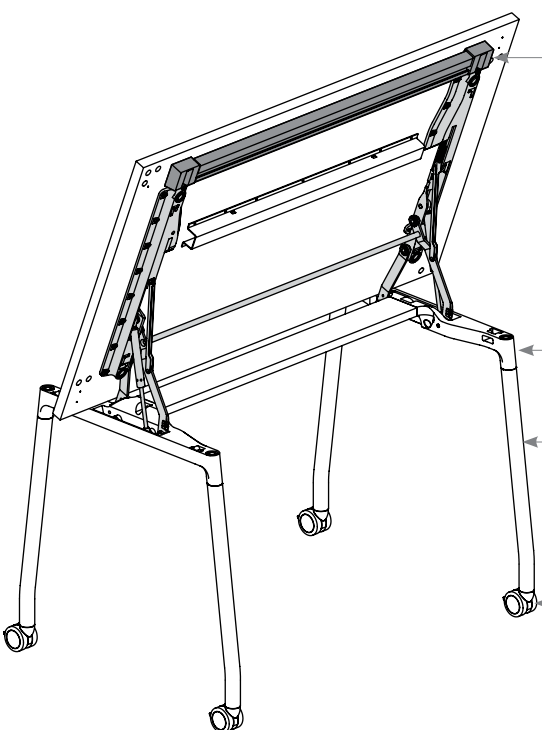
Rectangular Flip-Top Tables

Glass Top (Shown)

- Available in 5/32" (4 mm) glass thickness Back-Painted tempered glass
- 1" thick Laminate Worksurface is available in Source Laminate colors only
- Edge Trim finish will match the Laminate Worksurface
- Radius Corners are chamfered-flat polished. Standard Corners are also chamfered-flat polished and doubled-corner

Solid Top

- 1" (D) is available in Source Laminate colors
- 1 3/16" (M) is available in Foundation Laminate or Flintwood colors, or HPL Whiteboard (WL)
- HPL Whiteboard surface is recommended for light use only. Scratches may affect its use. Laminate must be cleaned after each utilisation. Glass worksurface is recommended for more intensive use
- Straight Trim (6) is available in Edge Trim colors
- Flintwood Flat Trim (9) will match the Flintwood worksurface finish only



Back View

Activation Handle and Hardware

Are finished in Soft Gris

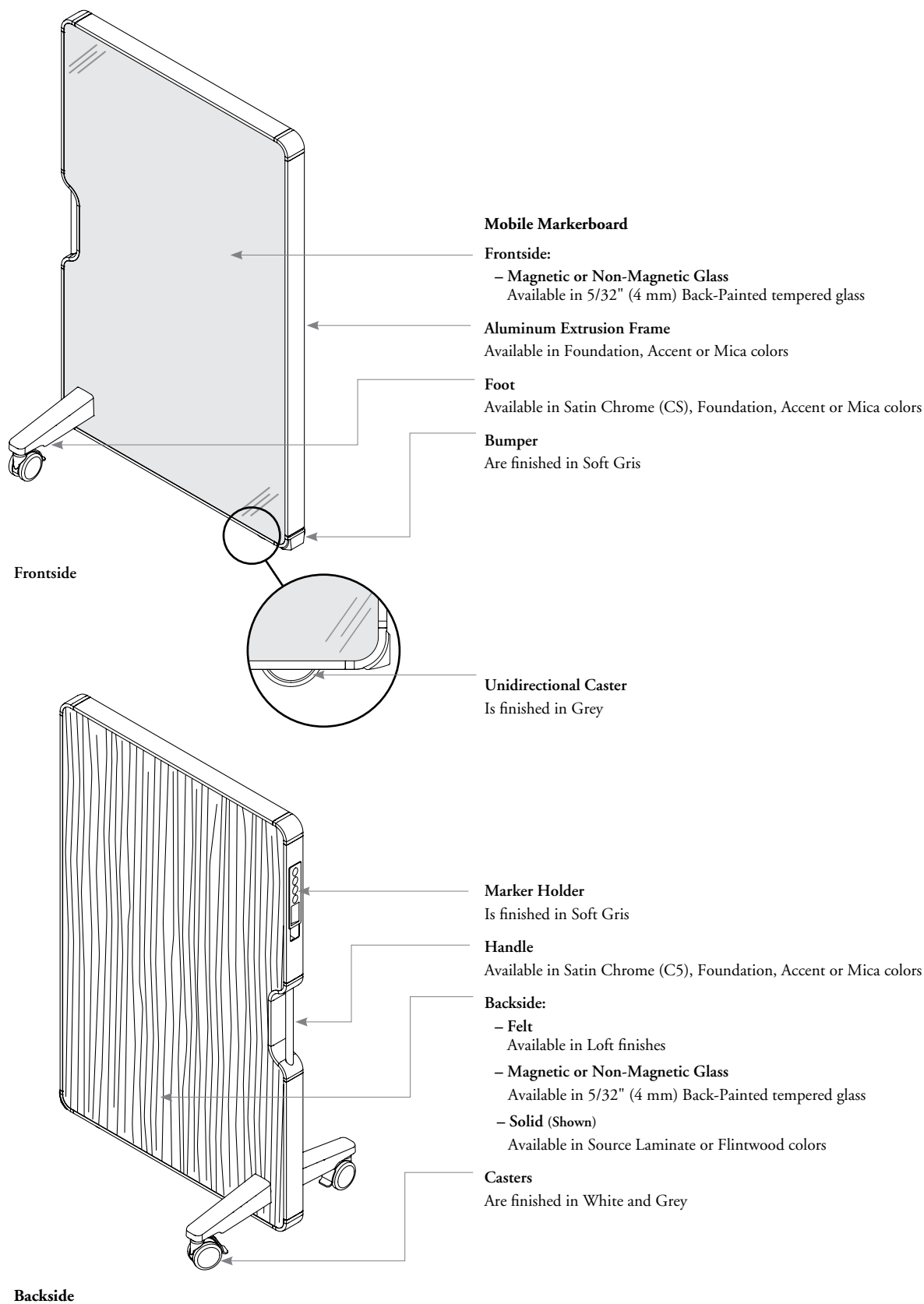
Adaptable Legs for Flip-Top Table

- Upper Supports (casting) are available in Foundation, Accent or Mica colors
- Lower Supports are available in Chrome (H), Foundation or Mica colors
- When Chrome (H) Lower Support Finish is selected, Platinum (7) for Upper Support Finish is the closest match.

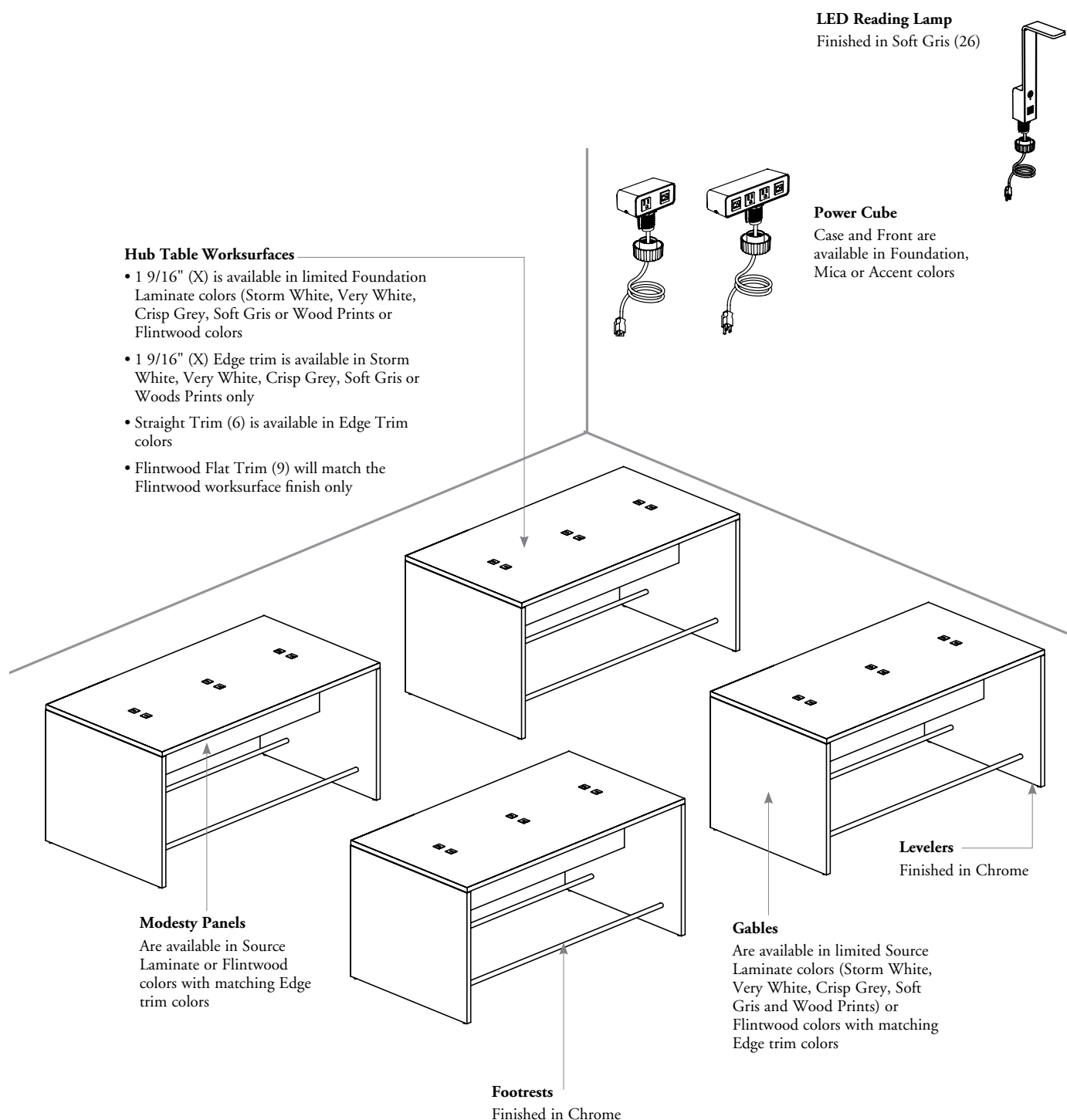
Casters

- Are finished in Silver and Black
- Caster Adapters are available in Foundation or Mica colors and match lower support (if chrome is specified, Caster Adapters will be Platinum (7))

finishes (continued)



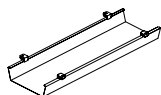
finishes (continued)



finishes (continued)

Library Table Worksurfaces, ADA Extension for Library Table Worksurfaces

- 1 3/16" (M) is available in Foundation Laminate or Flintwood colors
- Straight Trim (6) is available in Edge Trim colors
- 1 9/16" (X) is available in limited Foundation Laminate colors (Storm White, Very White, Crisp Grey, Soft Gris or Wood Prints or Flintwood colors)
- 1 9/16" (X) Edge trim is available in Storm White, Very White, Crisp Grey, Soft Gris or Woods Prints only
- Flintwood Flat Trim (9) will match the Flintwood worksurface finish only



Metal Cable Tray

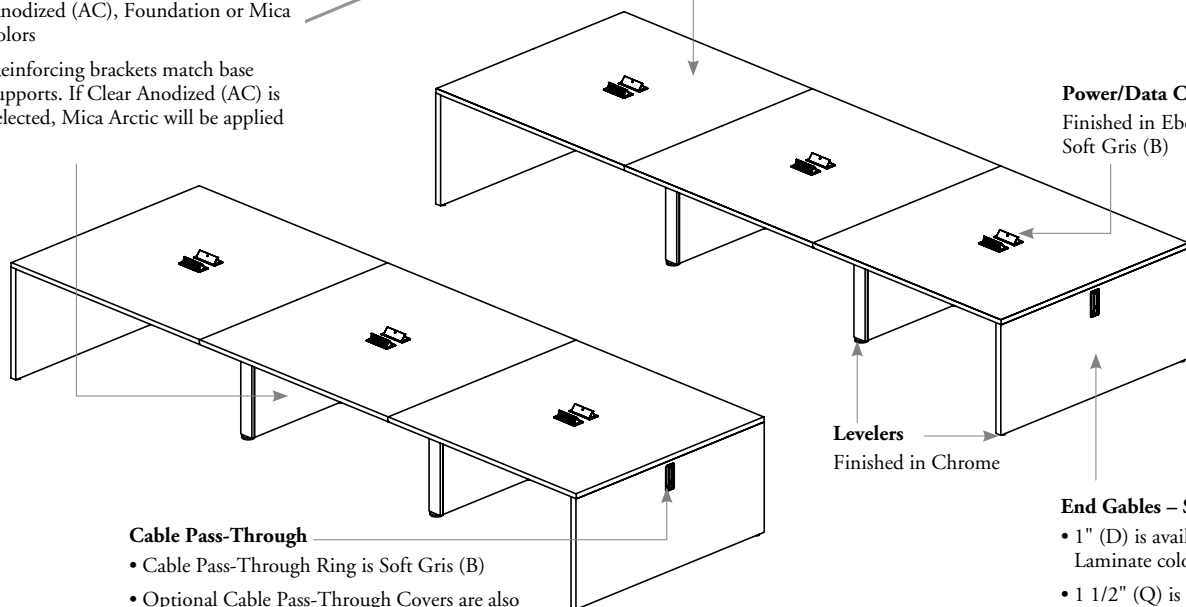
- The tray match support finish. If Clear Anodized (AC) is selected, Mica Arctic will be applied

Clips for Metal Cable Tray

- Finished in Soft Gris (B)

Intermediate Rectangular Base and Rectangular Base

- Infill panels are available in Source Laminate or Flintwood
- Base Supports are available in Clear Anodized (AC), Foundation or Mica colors
- Reinforcing brackets match base supports. If Clear Anodized (AC) is selected, Mica Arctic will be applied



Power/Data Centers

Finished in Ebony (E) or Soft Gris (B)

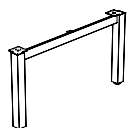
Levelers
Finished in Chrome

End Gables – Solid

- 1" (D) is available in Source Laminate colors
- 1 1/2" (Q) is available in limited Source Laminate colors (Storm White, Very White, Crisp Grey, Soft Gris and Wood Prints)
- Brackets are coordinated with the gable finish

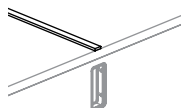
Cable Pass-Through

- Cable Pass-Through Ring is Soft Gris (B)
- Optional Cable Pass-Through Covers are also available in Foundation, Mica or Coordinate colors
- Coordinate colors are solid colors that can be used to match wood prints. For lists, see on next page



Square Post Legs

Are available in Clear Anodized (AC), Foundation or Mica colors



Retrofit Cover for Library Table with Dividers

Are available in Foundation or Mica colors

finishes (continued)

Carrel End Screen

Mounting Hardware are available in Foundation or Mica colors

Glass:

- Are available in 3/8" (10 mm) tempered glass Frosted (FT) finish
- Etched finish is inside the workstation

Solid:

Are available in Source Laminate or Flintwood colors

Carrel Divider

Mounting Hardware are available in Foundation or Mica colors

Glass:

Are available in 1/4" (6 mm) tempered glass Satin (FB) finish

Solid:

Are available in Source Laminate or Flintwood colors

Add-On Screen and Add-On Framed Screen

Frame is available in Foundation or Mica colors

Glass Add-On Screens:

Are available in 1/4" (6 mm) tempered glass Satin (FB) or Frosted (FT) finishes

Solid Add-On Screens:

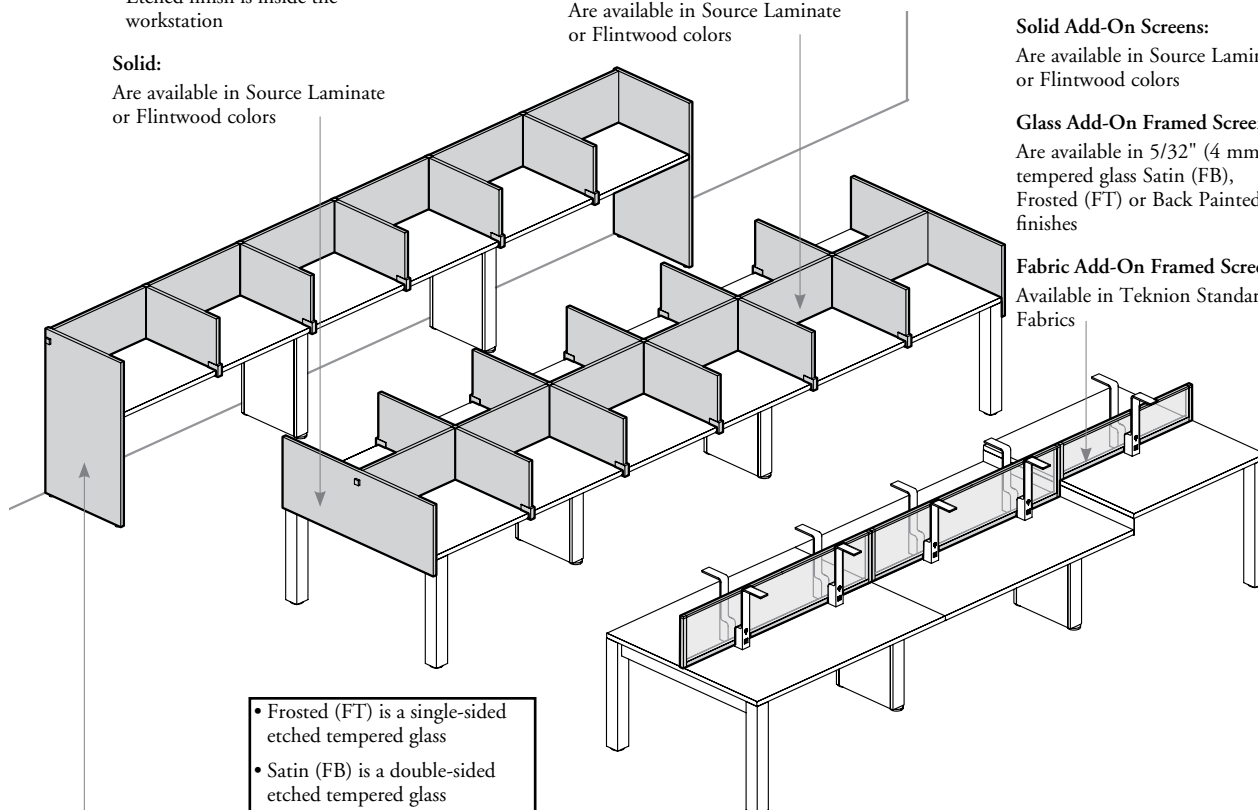
Are available in Source Laminate or Flintwood colors

Glass Add-On Framed Screens:

Are available in 5/32" (4 mm) tempered glass Satin (FB), Frosted (FT) or Back Painted finishes

Fabric Add-On Framed Screens:

Available in Teknion Standard Fabrics



- Frosted (FT) is a single-sided etched tempered glass
- Satin (FB) is a double-sided etched tempered glass

Carrel Supporting End Screen – Solid

- Are available in Source Laminate or Flintwood colors
- Mounting Hardware are available in Foundation, Mica or Coordinate colors
- Brackets underneath worksurface are coordinated with panel finish
- Coordinate colors are solid colors that can be used to match wood prints

Coordinate Colors Finishes:

M8 Royal Cherry
NB Ivory Birch
NC Provincial Oak
ND Coastal Elm
Q4 Espresso Reflect
Q6 Stainless
Q7 Walnut Cathedralgrain
Q9 Mercurial Walnut

R7 Java Walnut
R8 Urban Walnut
R9 Choice Maple
V1 Estate Cherry
VD Campus Oak
VL Flax Reflect
VV Pecan Reflect
W8 Cocoa Brown Reflect
W9 Sycamore Reflect

* This match suggestion is **not** close enough to be considered as tone on tone

• See below for mounting hardware color match suggestion

Flintwood Finish		Closest Match for Metal Finish		
Code	Color	Code	Color	Finish Style
FX	Flax	VL	Flax Reflect	Coordinate
FN	Natural Pecan	VV	Pecan Reflect	Coordinate
FM	Medium Sycamore	V1	Estate Cherry	Coordinate
FC	Chianti	V1	Estate Cherry	Coordinate
FD	Dark Walnut	R7	Java Walnut	Coordinate
NR	Sierra Flint	Q7*	Walnut Cathedralgrain	Coordinate
NT	Cocoa Brown Flint	W8	Cocoa Brown Reflect	Coordinate
VA	Sycamore	W9	Sycamore Reflect	Coordinate
VB	Black Walnut	X*	Anthracite	Mica
VT	Walnut Cathedralgrain	Q7	Walnut Cathedralgrain	Coordinate
VZ	Blonde Maple	R9	Choice Maple	Coordinate
5N	White Oak	VD	Campus Oak	Coordinate
5P	Poppy Seed	R8	Urban Walnut	Coordinate
5Q	Harvest Cherry	V1	Estate Cherry	Coordinate
5R	Earl Grey	S	Sepia Bronze	Mica
5S	Silverwash	4	Earth	Foundation
5T	White Truffle	ND	Coastal Elm	Coordinate
5U	Raw Umber	2	Burnished Bronze	Mica
5V	Caraway	4	Earth	Foundation
5W	Drift Oak	3	Sand	Foundation
5X	Dark Henna	R7	Java Walnut	Coordinate
5Y	Black Timber	W8	Cocoa Brown Reflect	Coordinate
5Z	American Walnut	Q7	Walnut Cathedralgrain	Coordinate