SUNLINE SIGNATURE

SPECIFICATION GUIDE



TABLE-OF-CONTENTS

TABLE OF CONTENTS		 	2
SUNLINE SIGNATURE		 	3
SUNLINE SIGNATURE ELECT	RIC -	 	18
UNIVERSAL ACCESSORIES		 	32
SUNLINE SIGNATURE ACCES	SSORIES -	 	41
SUNLINE SIGNATURE KEY F	EATURES	 	53
FREQUENTLY ASKED QUEST	IONS -	 	54
SUNLINE SIGNATURE CERTI	FICATIONS	 	58



SUNLINE SIGNATURE



WORKSTATION HEIGHTS & WIDTHS

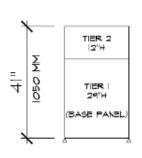
HEIGHTS:

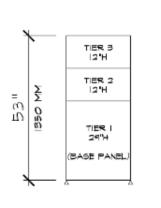
→ 1050 mm (41 in)

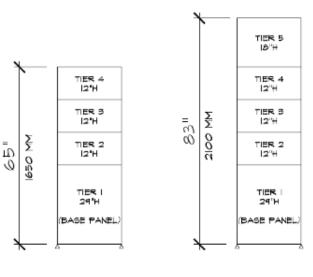
→ 1350 mm (53 in)

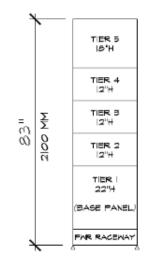
→ 1650 mm (65 in)

2100 mm (83 in)



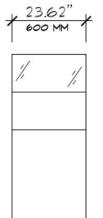


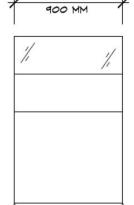


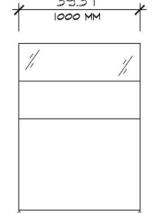


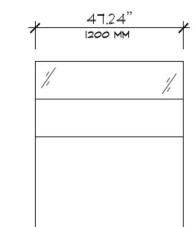
WIDTHS:

- \rightarrow 600 mm (2 ft)
- 900 mm (2.9 ft)
- \rightarrow 1000 mm (3.3 ft)
- \rightarrow 1200 mm (4 ft)



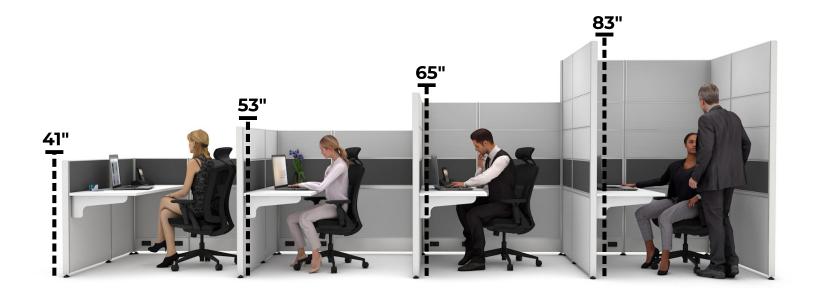


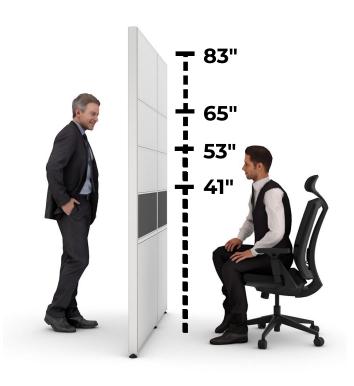




^{*} Other heights available depending on ceiling height

WORKSTATION HEIGHTS



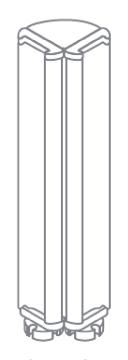


average male height: 5'9" (69") average female height: 5'4" (64")

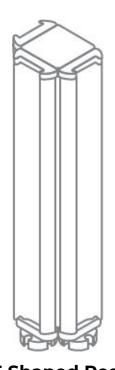
SUNLINE SIGNATURE

ANODIZED ALUMINUM

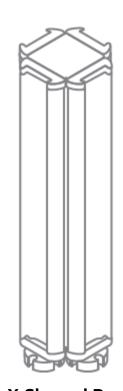
CONNECTOR POSTS



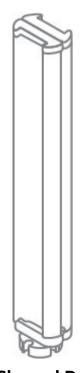
L-Shaped PostConnects two panels
at 90° angle



T-Shaped PostConnects three panels
at 90° angle



X-Shaped Post Connects four panels at 90° angle



I-Shaped Post Connects two panels at 180° angle



End Post
Is placed on the end of a panel that does not connect to another panel

SUNLINE SIGNATURE

WORKSTATION

COMMON PARTS

Horizontal Track

A track where cantilevers and small brackets clip into the panel to support work surfaces. This should always be at work surface height.

Glass Panel

A 12" glass panel that can stack on top of other panels.



A powered part of the panel where outlets are accessible to the user.

Accent Panel

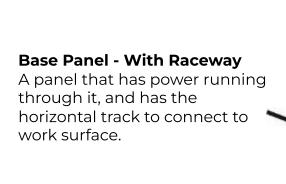
A 12" panel that is placed on top of the base panel.

Base Panel - To The Floor

A panel that does not have power running through it, but has the horizontal track to connect to work surface.

Raceway without Cut-Outs

A powered part of the panel without accessible outlets to the user, usually used to connect power between panels.





WORKSTATION COMMON PARTS



Cantilever

Hooks into panels and is screwed underneath work surfaces for support, typically spans two panels and two surfaces.



Small Bracket

Hooks into panels and is screwed underneath work surface for support.



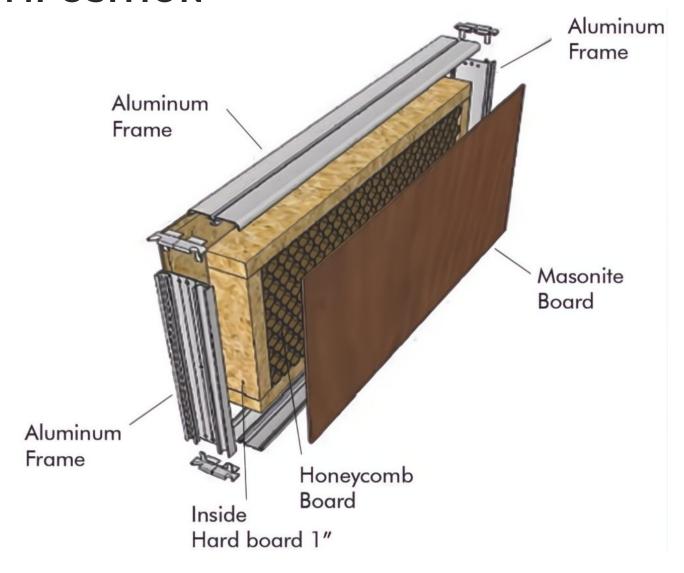
Flat Plate

Is screwed underneath two work surfaces for support, usually in front of cantilever.



WORKSTATION

PANEL COMPOSITION





WORKSTATION

PANEL COMPOSITION

PANEL MATERIAL COMPOSITION / MSDS Material Safety Data Sheet

#	Raw Material	Level	Formaldehyde Content	voc
1	MDF	EO	≤0.5mg/L	/
2	Particle Board	EO	≤0.5mg/L	/
3	Honeycomb Paper	/	/	/
4	Glue	/	≤1.0g/kg	≤110g/L
5	Fabric	С	≤300mg/kg	/
6	Steel	/	/	/
7	Glass	/	/	/
8	Aluminum	/	/	/

SUNLINE SIGNATURE

CONVERSIONS MILLIMETERS TO INCHES

D IN ITEM MM = W 23.62 Panels 600 W 900 35.43 Panels = Panels W 1000 = 39.37 W 1200 47.24 Panels = Н 11.81 Panels 300 = Н 17.72 Panels 450 = Н 22.05 Panels 560 = 27.96 Н 710 Panels = Post Н 1050 = 41.34 53.15 Post Н 1350 = Н Post 1650 = 64.96 Post Н 2100 82.68

RELEVANT SIZES

MILLIMETERS TO INCHES CONVERSION 25.4 mms = 1 inch

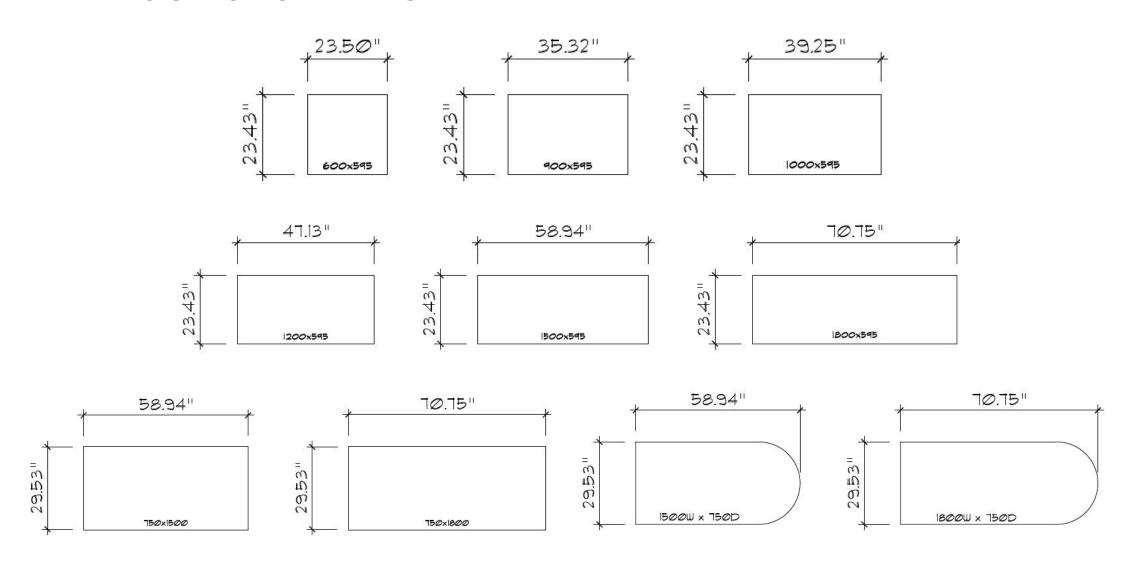
ITEM	D	ММ	=	IN
Surfaces	W	597	=	23.50
Surfaces	W	850	=	33.46
Surfaces	W	897	=	35.32
Surfaces	W	997	=	39.25
Surfaces	W	1197	=	47.13
Surfaces	W	1425 *	=	56.10
Surfaces	W	1497	=	58.94
Surfaces	W	1725 *	=	67.91
Surfaces	W	1797	=	70.75
Surfaces	D	595	=	23.43
Surfaces	D	750	=	29.53

^{*} Surface dimensions for Sit-Stand Base



WORKSURFACE OPTIONS

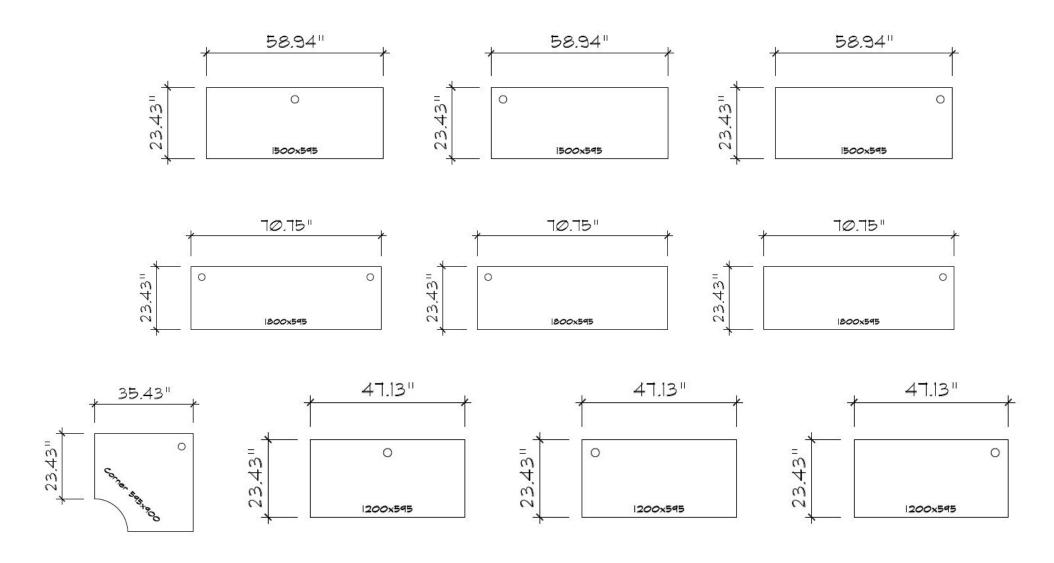
WITHOUT GROMMETS





WORKSURFACE OPTIONS

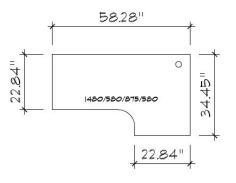
WITH GROMMETS

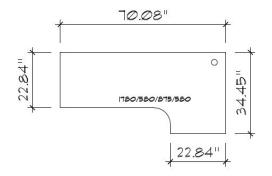


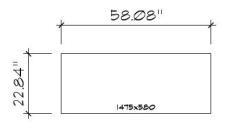


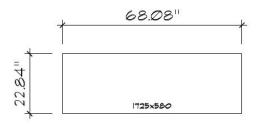
WORKSURFACE OPTIONS

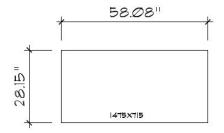
FOR SIT-STAND DESKS

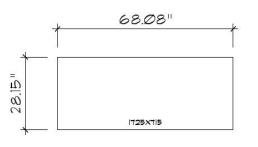








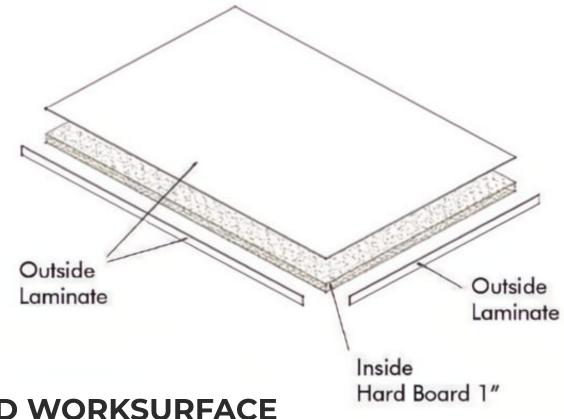






WORKSURFACE

COMPOSITION



EXPLODED WORKSURFACE

(not to scale)



WORKSTATION PANEL OPTIONS

IN-STOCK OPTIONS



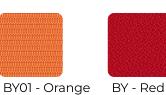
















Accent / Base

Accent

Accent

Accent

Accent

Accent

Accent

Accent

FACTORY ORDER OPTIONS



P - BL30 Blue



P - BY27 Army Green



P - BL31 Sky Blue



P - BL36 Grass Green



P - BL32 Silver Grey



P - BL41 Lime



P - BL33 Slate Grey



P - BL44 Green



P - BL35 Orange Red



P - BL45 Burgundy



P - BY02 Violet



P - TM09 Light Coffee



P - BY21 Blue Grey



P - BB01



P - BY23 Ivory Yellow



P - BB02



P - BY24 Blue Green

P - KM30

Green



P - TM06 Blue

P - TM02

Green



P - TM01 Yellow



P - KM33 Silver Grey



WORKSTATION SURFACE OPTIONS











White

Walnut

Grey Fog

Storm Grey

FACTORY ORDER OPTIONS



XD - 1001 Grey



XD - 1004 Black



XD - 1009 White



XD - 1014 Teak



XD - 1016 Walnut



XD - 1020 Maple



XD - 1021 Fir



XD - 1022 Red Oak



XD - 1021 White Oak



XD - 1024 Engineered Oak



XD - 1025 Black Oak



XD - 1026 Oak



XD - 1028 Red Walnut



XD - 1037 Buller Thorn Plum



XD - 1040 North American Walnut

Common Parts



Power Module
Allows a panel to be powered through the raceway.



Base FeedConnects the building's power from the wall or floor to the panels.



FestoonConnects one power module to another power module via posts.



Ceiling FeedConnects the building's power from the ceiling to the panels.



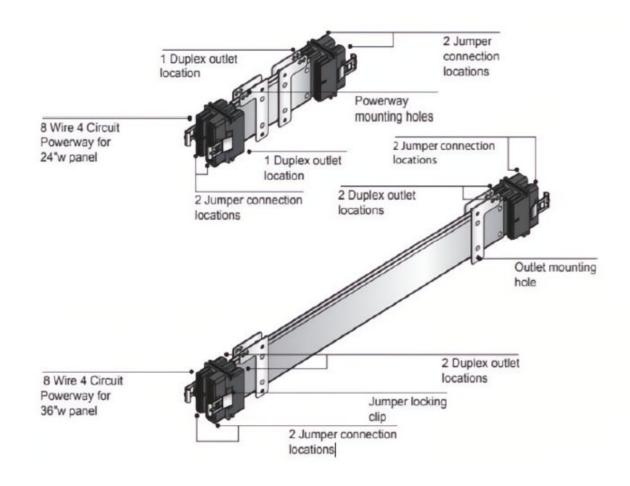
Pass Thru Jumper Spans non powered panels to continue power to another panel.



ReceptaclesOutlets for cubicles.

Power Modules provide electrical distribution and access for duplex outlets back to back. 24" wide panels can accept only one duplex outlet per side, two total back to back. All other panels can accept two per side, four total back to back. Power Modules "grow" in length with panels of greater width, making panel to panel connections a "standard" configuration and allowing for "pass through" connections. Each Power Module has locations for up to four jumpers, two at each end. Power Module are included when ordering powered panels.

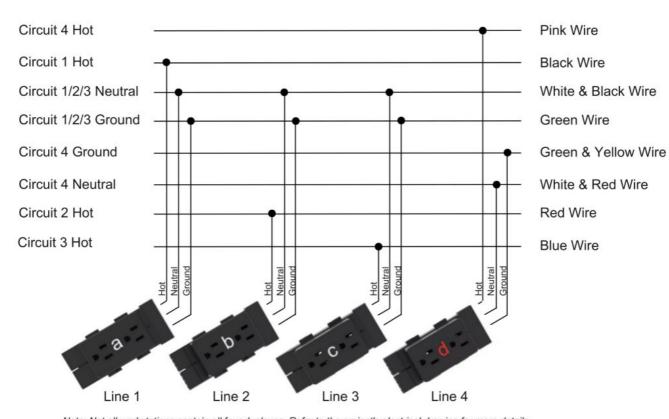
Duplex outlets are available on designated circuits 1 through 4. Each duplex outlet contains two single receptacles (places to plug into) of the same circuit and are specified separately from Power Module. All duplex outlets have black faces. The lettering on outlets for Circuit 1, 2, and 3 is white. The lettering on outlets for Circuit 4 is orange. Outlets snap into the Power Module. Duplex outlets are standard 15 amp outlets.



^{*}Powerway = Power Module on graphic

8 Wire 4 Circuit electrical system contains four circuits. Each circuit is rated at 15 amps/120 volts maximum. Circuit 1, Circuit 2, and Circuit 3 are served by a system neutral and an equipment ground. Circuit 4 is dedicated and is served by its own neutral and ground. Circuit and ground conductors are # A.G.W. (gauge).

All neutrals are #10 A.G.W. (gauge).



Note: Not all workstations contain all four duplexes. Refer to the project's electrical drawing for more details.

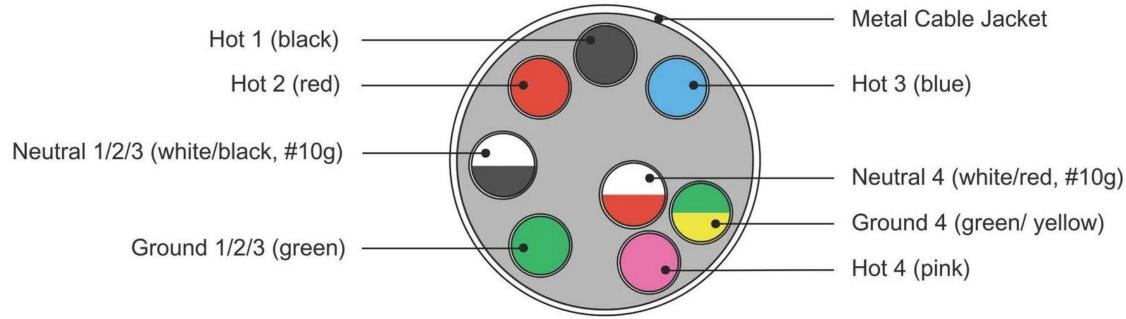


Wiring Anatomy for Ceiling and Base Infeeds

Shown below is a cross section of the metal cable used for 8 Wire 4 Circuit ceiling and base infeeds. Circuit and ground conductors are #12 A.G.W. (gauge).

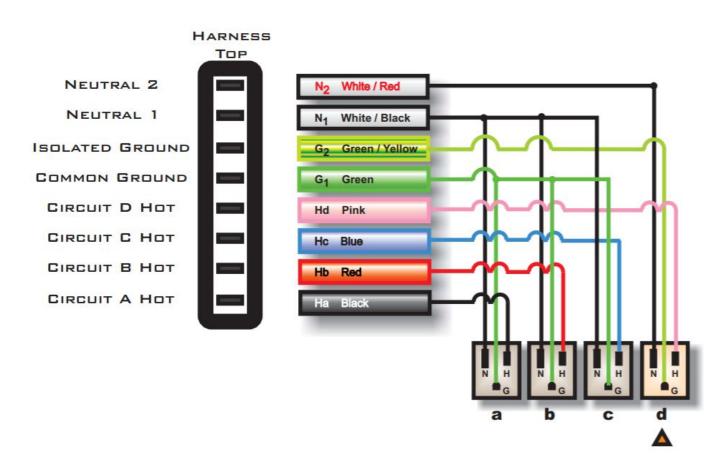
All Neutrals are #10 A.G.W. (gauge).

Cross Section 8 Wire 4 Circuit Cable



This configuration includes 4 hot wires that correspond to circuits a, b, c, and d. Circuits a, b, and c are general circuits that share a common neutral and ground. Circuit d is considered an isolated circuit because it has its own grounding source and wire that is not shared with other equipment. Circuit d is also considered dedicated because it has its own neutral wire.

The purpose of having its own neutral and isolated ground is to prevent unwanted noise from other devices traveling through the system and potentially causing interruptions. Circuit d is typically reserved for computers. Because Circuit d has its own hot, neutral, and ground wires, it could have a separate source of power known as a UPS (Uninterrupted Power Source).



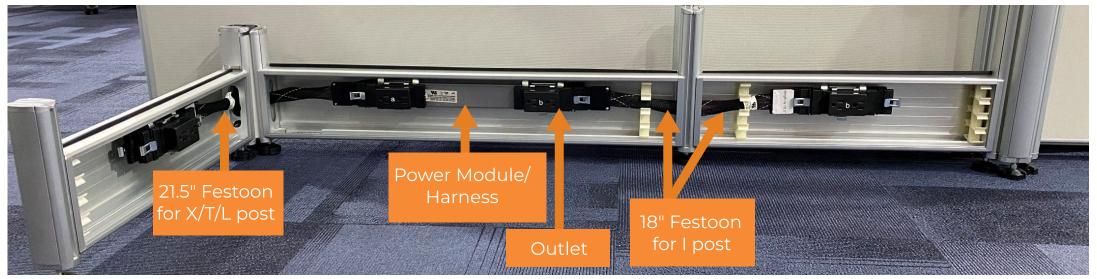
3 GENERAL PURPOSE + 1 ISOLATED CIRCUIT

ELECTRICALSPECIFICATIONS

Typical Electrical Raceway (covered)



Typical Electrical Raceway (uncovered)





Hiring an IT/Networking Team

Every company has very specific requirements when it comes to data/networking. When you hire a networking contractor, they will pull lines from the server room and splice their wiring into the networking jacks that fit your needs. Some require one jack per face plate, some require multiple. If electrical and data are coming from the ceiling and are being supplied to more than three workstations, we recommend that each data drop has their own power pole, separate from the power poles used for electrical.

To the right is an example of what a lot of clients use as a data face plate. Your IT Group should supply the data face plate and hardware that works best for your needs. Our raceway covers are silver and our electrical receptacles are black.

The rectangular cutout is simply a "knockout" in the raceway cover at the base of the panels where your networking contractor can attach any size flush mount plate. This knockout will need to be punched out during install. Any size will work (larger than the knockout) and you can screw it right to the raceway cover.

Data Plate Specifications

Standard kickplates (for 900mm, 1000mm, 1200mm raceways) will have two knockouts/cutouts. The data knockout is 2x2 (50.8 mm) and 1 $\frac{1}{2}$ " (38.1 mm) from the bottom of the kick plate.

Electrical Outlet



Data Plate

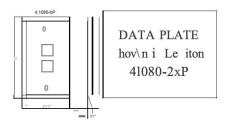
Data Knockout



Data Plate - outside view



Data Plate - inside view



Ceiling Infeeds

Power can be brought from the ceiling down to the workstations via a power pole. This plastic pole slides 6" down into the post (t-post or x-post) of the workstations panels, and can power up to eight workstations.

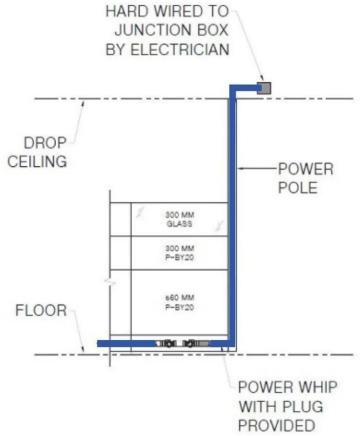
The standard height of the pole is 12', and it can be cut ahead of time if the ceiling height is known. If not, it can be cut in the field. The infeed inside of the power pole is 14' long, leaving 1' on either end to connect into the building's power and to the workstation power harness.

The first 4.5' of cabling within the power pole will be covered by metal flex casing. If the cabling needs to be protected up to the ceiling, you can ask your electrician to provide an M3 braided jacket, which can attach to the junction box. Your electrician would need to determine where the cut out in the ceiling should be located based on the location of the workstations.

If electrical and data are coming from the ceiling, we recommend that each data drop has their own power pole, separate from the power poles used for electrical.



Ceiling power pole when installed



Ceiling infeed diagram



Base Infeeds for Walls & Floors

Power can be brought from the wall or the floor via a base infeed (also known as a whip). These infeeds are 6' long and can support up to eight workstations. One end of the infeed will plug into the workstation panels, while the other end will need to be hardwired into the building's power.

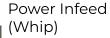
If infeeds are sent out prior to install to be used on the wall, please have your electrician install them with a 90 degree elbow and have the whip pointing towards the ground, as shown in the first image. The hardware for attaching an infeed to the floor or wall will need to be provided by your electrician.



Example of wall infeed



Example of floor infeed





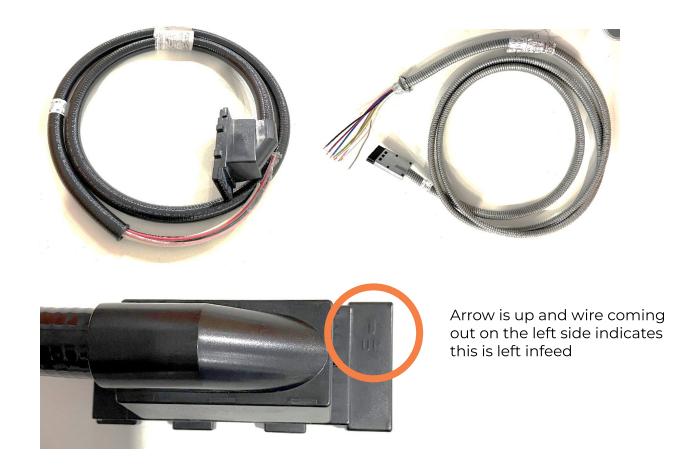
Infeed connection inside of panel, with exposed wiring on other end to hardwire into wall or floor

Base Power Infeed (left and right)

Also called wall infeed or power whip, base infeeds are connected by an electrician to a main electric line in the wall or floor, and into a power module that's mounted to a raceway, which begins the electric current all around raceways in the cubicle walls as long as they're connected through festoons/connectors, pass through jumpers, and/or other power modules. To be safe, one base infeed can power up to 8 cubicles.

Celing Power Infeed

Ceiling infeeds are connected by an electrician to the main electric line in the ceiling, down through a power pole, and around into a power module that's fastened to a raceway, which starts the electric current all around raceways as long as they're connected through festoons/connectors, pass through jumpers, and other power modules. To be safe, one ceiling infeed can power up to 8 cubicles.



POWER MODULE

In 3 standard sizes – 23.62" (600mm raceway), 35.43" (900mm raceway), and 47.24" (1200mm raceway), power modules receive power from the base/wall infeed, ceiling infeed, or floor core infeed, to power receptacles (outlets) that clip in. Also available in 39.4" for 1000mm raceways.



RACEWAY

The raceway is typically the bottom-most "panel" and allows for electric to run into every cubicle requiring power. It typically comes in 3 sizes: 600mm*150mm, 900mm*150mm, 1200mm*150mm. Also 1000mm*150mm when a door is used.

Inside each raceway is either a power module that's been mounted to the raceway, or a pass-through jumper that passes the electric from one power module to the next. A raceway is not used if neither a pass-through jumper runs through it, or there is no power module. Receptacles - aka outlets or duplexes - clip into power modules and through cut out holes in kickplates.

Raceways can also run above the work surface - called beltway power - but this is very uncommon since it means all the wires and cords would be out in the open.

ELECTRICAL SPECIFICATIONS

RECEPTACLES / POWER OUTLETS

There are 4 lettered designations of standard receptacles: A, B, C, D. Although there are slight differences in how each is wired internally, the letters are primarily reference points for the electrician to help him/her keep track of how to combine various receptacles of the same letter into one group of connections that all lead to their dedicated 15 amp breaker.

While each receptacle can draw up to 15 amps, typically each cubicle will draw 3-5 amps at any given point in the day - distributed into however many receptacles are being used and how users plug in their electronics (i.e. - computer in one receptacle, all other accessories in another).

Electricians should wire matching letters together to reach the breaker's 15 amp capacity (allowing up to 2.5 amps for each receptacle). If any one group of lettered receptacles (i.e. - all the A's) combines for more than 15 amps, then another infeed must be used.

Breaking it down further, if each letter uses 2.5 amps on average, then any one cluster can use up to 6 of that lettered receptacle (6 receptacles * 2.5 amps = 15amps). Which means, by evenly dispersing all 4 letters, the receptacles should be able to support up to a 12-pack of cubicles on one infeed plus 4 breakers.

Common Equipment Amperages:

- •Personal Computer 2.00 4.00
- ·Computer Monitor .25 .50
- ·Laser Printer 4.50
- Desktop Plotter 1.50
- Desk Fan .50 1.00
- •Desk Heater 8.50 12.50 (Not recommended to use in cubicle)
- •Task light 1.00
- •Fan 1.00
- ·Paper Shredder 4.00 12.00









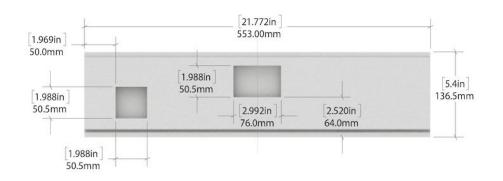


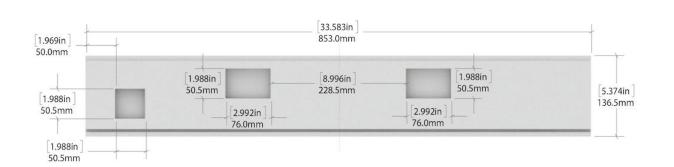
DATA

Standard kickplates for 600mm duplex only have one cutout, for 900mm, 1000mm, 1200mm raceways will have two cutout, 22mm from top in center, 76mm length by 50.5mm height.

Kickplate comes with two knockout on either end with hole size 50.5mm by 50.5mm.

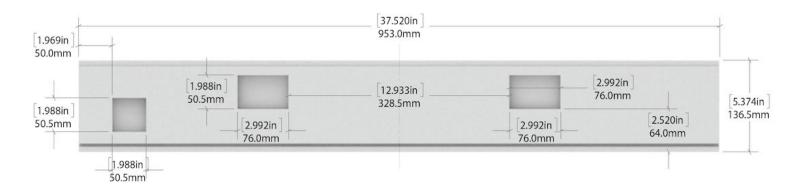
A DATA PLATE COMES WITH TWO PORTS CAN BE USED IN ANY CONFIGURATION OF PHONE DATA JACKS. (TO BE SOLD SEPARATELY BY ARNOLDS)





600 RACEWAY

900 RACEWAY



1000W RACEWAY



1200W RACEWAY

UNIVERSAL WORKSTATION ACCESSORIES

IN-STOCK / ACCESSORY FINISHES









White

Walnut

Grey Fog

Storm Grey



Sit-Stand Base



2-Drawer Lateral File



Box-Box-File



Monitor Arms



Wardrobe Cabinet



Storage Tower



Mobile Box-File



File-File

UNIVERSAL SIT-STAND DESK BASE

PRODUCT DIMENSIONS*

- **WIDTH** 40in 72in
- B DEPTH 22in
- **HEIGHT** 24in 49in

*dimensions are for base only and do not include the surface

IN-STOCK / SURFACE FINISHES



*in-stock base color is white



UNIVERSAL LATERAL FILE TWO-DRAWER

PRODUCT DIMENSIONS

- WIDTH 30in
- B DEPTH 23in
- C HEIGHT 28in

IN-STOCK / ACCESSORY FINISHES





UNIVERSAL BOX-BOX-FILE STORAGE

PRODUCT DIMENSIONS

- WIDTH 16in
- B DEPTH 23in
- HEIGHT 28in

IN-STOCK / ACCESSORY FINISHES





UNIVERSAL DUAL MONITOR ARMS

PRODUCT DIMENSIONS

- WIDTH 29in
- B DEPTH 5in
- HEIGHT 22in



UNIVERSAL WARDROBE CABINET

PRODUCT DIMENSIONS

- WIDTH 12in
- B DEPTH 24in
- HEIGHT 53in





UNIVERSAL STORAGE CABINET

PRODUCT DIMENSIONS

- WIDTH 24in
- B DEPTH 24in
- HEIGHT 53in



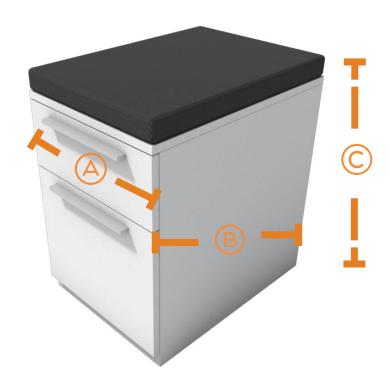


UNIVERSAL BOX-FILE MOBILE STORAGE

PRODUCT DIMENSIONS

- WIDTH 16in
- B DEPTH 22in
- HEIGHT 22in





UNIVERSAL FILE-FILE STORAGE

PRODUCT DIMENSIONS

- WIDTH 16in
- B DEPTH 23in
- C HEIGHT 28in





SUNLINE SIGNATURE

WORKSTATION

ACCESSORIES

SIGNATURE ACCESSORIES



Hanging Shelf

Overhead Storage Cabinet

Overhead Task Light



Double Magnetic Dry Erase Whiteboard



Magnetic Dry Erase Whiteboard





WORKSTATION

ACCESSORIES



Frosted Sliding Door



Swinging Door



Shown above:

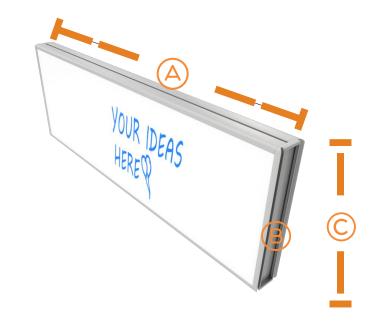
8'x8' 82" with Grey base and Charcoal accent panel with swinging door accessory

SUNLINE SIGNATURE MAGNETIC

WHITEBOARD

PRODUCT DIMENSIONS

- WIDTH 36in
- B DEPTH 2in
- C HEIGHT

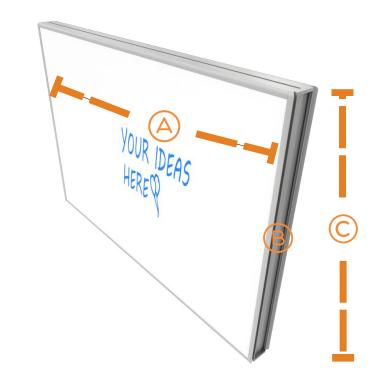




DOUBLE MAGNETIC WHITEBOARD

PRODUCT DIMENSIONS

- WIDTH 36in
- B DEPTH 2in
- C HEIGHT 24in





PRODUCT DIMENSIONS

- WIDTH 35in
- B DEPTH 16in
- C HEIGHT







PRODUCT DIMENSIONS

- WIDTH 16in
- B DEPTH
- HEIGHT 33in









Fog Storm Grey



SUNLINE SIGNATURE

FROSTED SLIDING DOOR

PRODUCT DIMENSIONS

- WIDTH 40in
- B DEPTH 4.5in
- C HEIGHT 66in

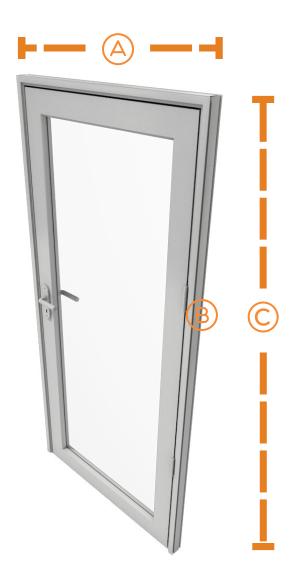




SWINGING GLASS DOOR

PRODUCT DIMENSIONS

- WIDTH 39in
- B **DEPTH** 1.63in
- HEIGHT 83in





SUNLINE SIGNATURE 41" HIGH ENVIRONMENT IMAGES









53" HIGH

ENVIRONMENT IMAGES









65" HIGH

ENVIRONMENT IMAGES















- No Tools Required for Assembly: Cubicle walls are designed for easy assembly—only a few screws are necessary to secure work surfaces.
- Interchangeable Panels: Quickly swap between fabric and glass panels to customize the level of privacy or transparency; change configurations in seconds for enhanced flexibility.
- Slide-In/Out Design: Panels easily slide in and out, allowing for ultimate flexibility in configuration and setup.
- Suser-Friendly Assembly: No professional installation experience is needed; the system can be assembled and disassembled by anyone.
- Customizable Configurations: Build a wide variety of configurations using 2' and 3' panels, including options such as 4'x2', 5'x5', 6'x6', 7'x7', 8'x6', 8'x8', 9'x12', 10'x15', and more.
- Premium Materials: Constructed from high-quality anodized aluminum, HPL particle board, and Class A fabric for durability and aesthetics.
- Cost-Efficient: Our system is priced 30-50% lower than other comparable new cubicle systems on the market.
- Extensive Color and Finish Options: Choose from hundreds of color and finish combinations to match any workspace environment.
- Storage and Accessories: A variety of storage and accessory options are available to enhance the functionality of your cubicle setup.
- Easy Relocation: The system is designed for simple disassembly and reassembly, making it easy to move and reconfigure as needed.
- \longrightarrow Rapid Department Overhaul: Break down and rebuild entire departments within days, even with a small crew.

SUNLINE FREQUENTLY ASKED QUESTIONS

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Q: Are the panels non-tackable and non-acoustical? Do they have an STC rating and/or NRC rating?

A: Our Sunline Signature panels are non-tackable and do not have a STC or NRC rating.

Q: What is the fiber content of the panel fabric?

A: Sunline Siganture panels are Polyester.

Q: Is panel fabric Class A?

A: Sunline Signature panels are Class A.

Q: What is its colorfastness etc.?

A: Sunline Signature is Grade 2 to the light and Grade 4-5 for water, perspiration, soap wash, dry rub, and light chemicals.

Q: What panel widths are available?

A: Sunline Signature In-Stock Panel Widths: 24", 36", and 48"

Sunline Signature Factory Order Panel Widths: 24", 30", 36", 42", 48", and 60" *custom sizes upon request

Q: What are the worksurfaces made of? What is the worksurface thickness?

A: Our worksurfaces are LPL (low pressure laminate) with a vinyl edge. The thickness of the worksurface is 25mm (1"). The vinyl edge is 2mm (.08") thick.

FREQUENTLY ASKED QUESTIONS

Q: What is the grommet situation like? In some views, it appears there is a corner grommet only.

A: We have surfaces with and without grommets. Surfaces with grommets typically come with one corner grommet and all our corner worksurfaces have one grommet in the far back corner.

Q: Does the Sunline Signature system have belt line power?

A: Yes, Sunline Signature has the ability to run power in other locations in additional to the raceway. This can be done either integrated in the panel system or by a desk top mounted power device.

Q: Is all electrical UL listed?

A: Yes, our electrical components are UL listed.

Q. What storage options do you have to offer and what material are they made of?

A. All of our storage options are low pressure laminate. We have:

- Frosted sliding glass door
- Swinging door
- Standing desk base
- Full height box/box/file
- Full height file/file
- Mobile box/file with seat cushion

- 2-drawer lateral file
- Wardrobe cabinet
- Storage tower
- Low credenza side storage
- Overhead storage cabinet
- Overhead tasklight

- Hanging shelf
- Transaction top
- LM dual monitor arm
- Desktop sit-stand
- Double whiteboard
- Single magnetic whiteboard

Q: Do you have the ability to key alike?

A: Yes, keyed and alike, with master key available - full key program.

FREQUENTLY ASKED QUESTIONS

Q: Do you offer design services?

A: Yes, we provide complimentary design services to customers who purchase office cubicles from us, streamlining the process of creating an optimal workstation layout. Share your floor plan, along with your specific requirements and preferences, and our experienced team will craft customized design options using advanced CAD technology. Collaboratively, we will finalize a workspace layout that aligns with your vision and transforms your office into a functional and inspiring environment.

Q: What are your in-stock fabric options?

A: Sunline Signature in-stock fabric options:



Q: What are your in-stock surface finish options?

A: Sunline Signature in-stock finish options:





The Sunline Signature system meets the following standards:



*Certificates available upon request





313 W 4th Street
Bridgeport, PA 19405

PHONE:
610.272.2050

