

POWER TO CHANGE

LEGRAND FLEXIBLE POWER SOLUTIONS
FOR COMMERCIAL SPACE REENTRY

EWS – Cablofil | P&S | Wiremold | Connectrac

Mike Crider and Fran Powers
FISHCO GROUP

AGENDA

- **POST-COVID IMPACT IN THE COMMERCIAL OFFICE SPACE**
- **OUTDOOR SOLUTIONS**
- **INDOOR AND MOD-POWER**
- CONNECTRAC
- **TOUCHLESS CONTROLS**
- **CHEMICAL RESISTANT SWITCHES AND OUTLETS**
- **RESOURCES**

PROPRIETARY AND CONFIDENTIAL INFORMATION

IMPACTS

POST-COVID IMPACT in the COMMERCIAL OFFICE SPACE



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More personal space.

Replace shared sofas or settees with chairs that can be assigned to individual employees.

FROM CNN BUSINESS:

“This crisis has fast-forwarded the future of office space by as much as a decade.”

FROM ARCHITECT MAGAZINE:

“The likely reality is that we will eventually return to a collective workspace, but one that has changed beyond what we could have imagined.



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IMPACTS WILL BE FELT IN THE SHORT AND LONG-TERM

Trends expected to last:

- **Flexibility** - #1 request from customer interviews + external research
- **Personal space & safe collaboration** – it's not a return to the cube farm, but workspaces must incorporate more personal space; collaboration is a must – but the spaces must change
- **Work From Home & remote offices/learning** – spaces designed with virtual in mind; businesses are now more comfortable with Work from Home at least part time; and employees are asking for it
- **Health & wellbeing** – greater focus on work/life balance, biophilic design, outdoor spaces



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ANALYSIS

CHALLENGES AND OPPORTUNITIES



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Businesses are redesigning the office space with a new level of focus on health, safety and wellness

- Creating more spacious floor plans that allow for social distancing
- Improved air-filtration systems to bring more fresh air into spaces
- Implementing biophilic design elements
- Installing touch free devices



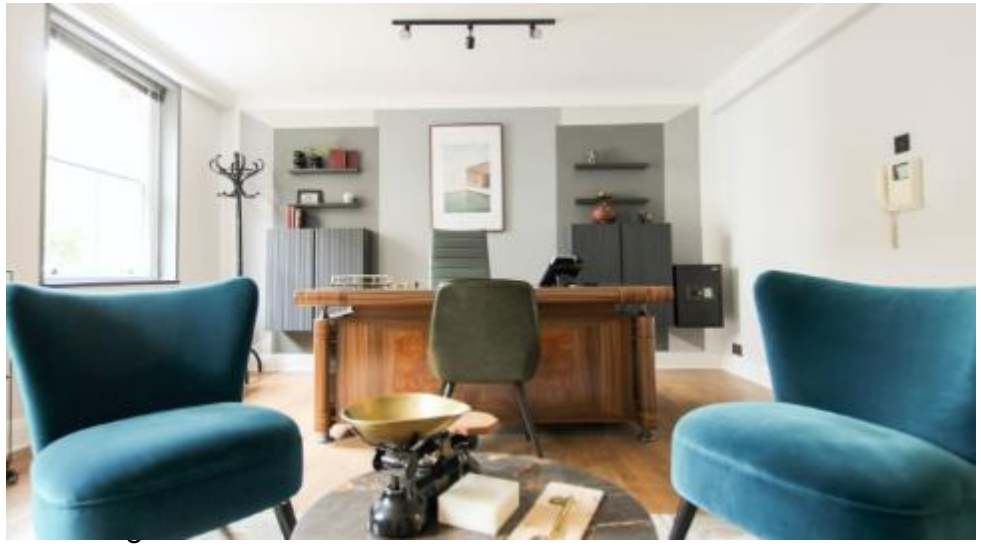
These aren't just short-term reactions – these are trends which will last well into the future. At the heart of the new office/space design is flexibility. Flexibility is key both indoors and out.

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SPECIFIC AREAS









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Agenda

NEW PROTOCOLS





PROPRIETARY

OUTDOOR

OUTDOOR POWER FOR COMMERCIAL FACILITIES



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OUTDOOR SPACES PROVIDE THE FLEXIBILITY TO ADAPT







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RISK OF TRANSMISSION LOWER OUTDOORS

OUTDOOR SPACES

Successful Infection = Exposure to Virus + Time

"The outdoors, for example, are relatively safe spaces… Why? The answer has to do with air flow and ventilation (and the formula)."

https://ohsonline.com/Articles/2020/05/18/A-COVID-Analysis-Goes-Viral-How-the-Virus-Spreads-Indoors-Outdoors-and-in-Other-Spaces.aspx?Page=2





"We know that being outdoors is lower risk for coronavirus transmission than being indoors." Julia L. Marcus, an epidemiologist and assistant professor at Harvard Medical School

https://www.nytimes.com/2020/05/15/us/coronavirus-what-to-do-outside.html

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EXISTING WORKAROUNDS FOR POWER ARE UNSAFE AND UNATTRACTIVE







- It’s a hassle to figure out temporary solutions
- If it’s not UL rated for outdoor use, it can be dangerous: tripping, fires, risk of electrocution

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OUTDOOR POWER CHARGING STATIONS



OUTDOOR POWER CHARGING STATIONS





Two-gang configuration (prewired option with two USBs)

Power Outlets and Devices

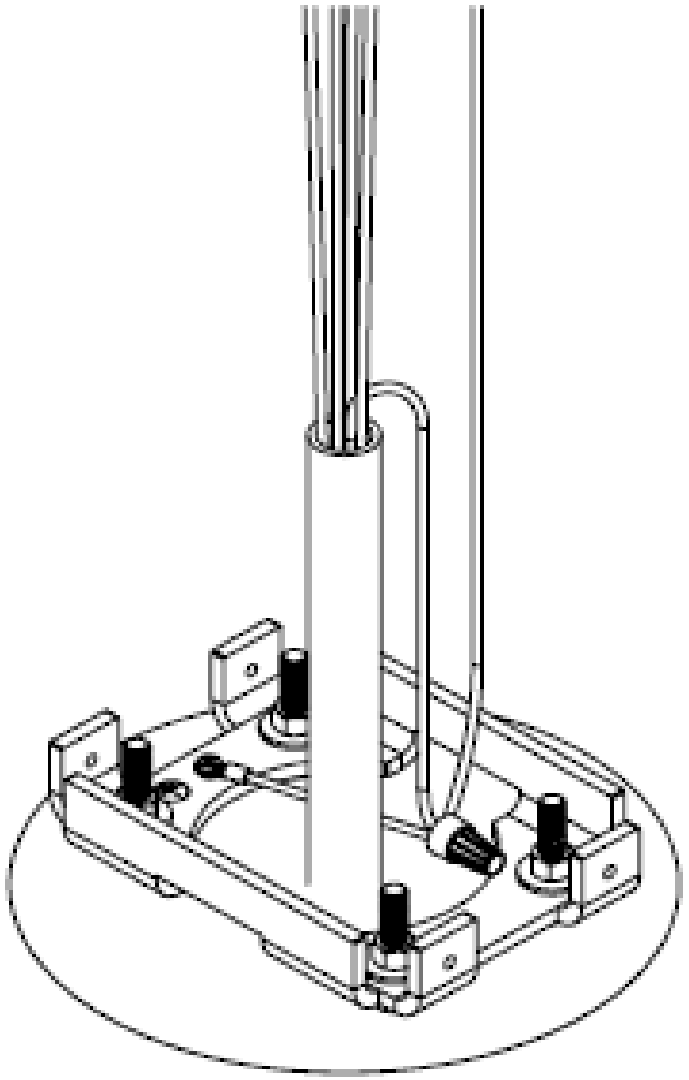
Three-gang configuration (prewired option with two USBs and one GFCI)



- Power and/or USB outlets
- 2-gang or 3-gang configurations
- Wired or unwired
- Customizable

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Installs like a traditional bollard.

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SOLAR CHARGING OPTIONS





Add convenient charging to any campus or park without expensive trenching and buried cables.









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OUTDOOR POWER
GROUND BOX



Safe Outdoor Power, Year Round

For events during any season

Facility technicians have safe and convenient access

GROUND BOX DESIGN

- Legrand’s box sits flush with the ground and will seamlessly blend into the existing landscaping and reduce trip hazards
- The cover locks and an egress door auto adjusts to the size of cable to increase safety









Cement

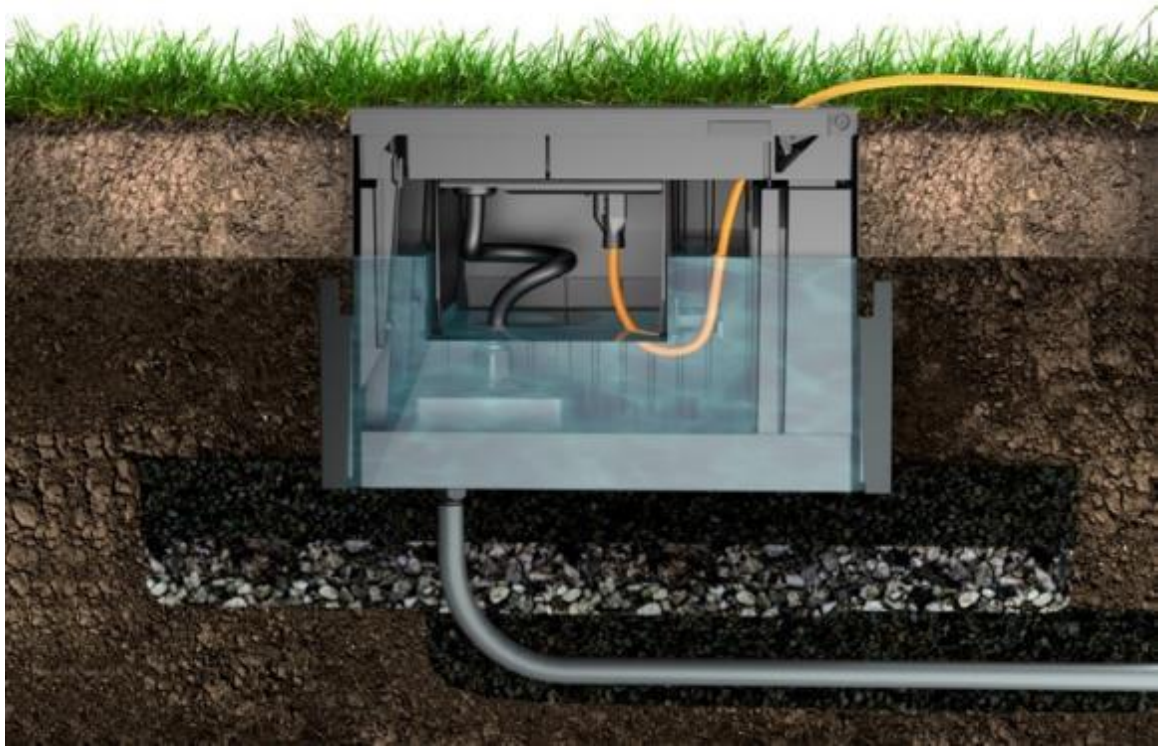
Brick/Pavers

Grass

Gravel

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SAFE OUTDOOR POWER, YEAR ROUND



- Diving bell maintains air pocket keeping connections dry and safe



- UL 50E Type 6P/IP68 wiring enclosure
- Drain holes

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- Weather-resistant
- Corrosion-resistant



Two gang, 20-amp duplex receptacles



30-amp, 125 V locking receptacle (L5-30R),



30-amp, 250 V locking receptacle (L6-30R)



Two gang low voltage box with communications options



Two gang low voltage box with A/V devices

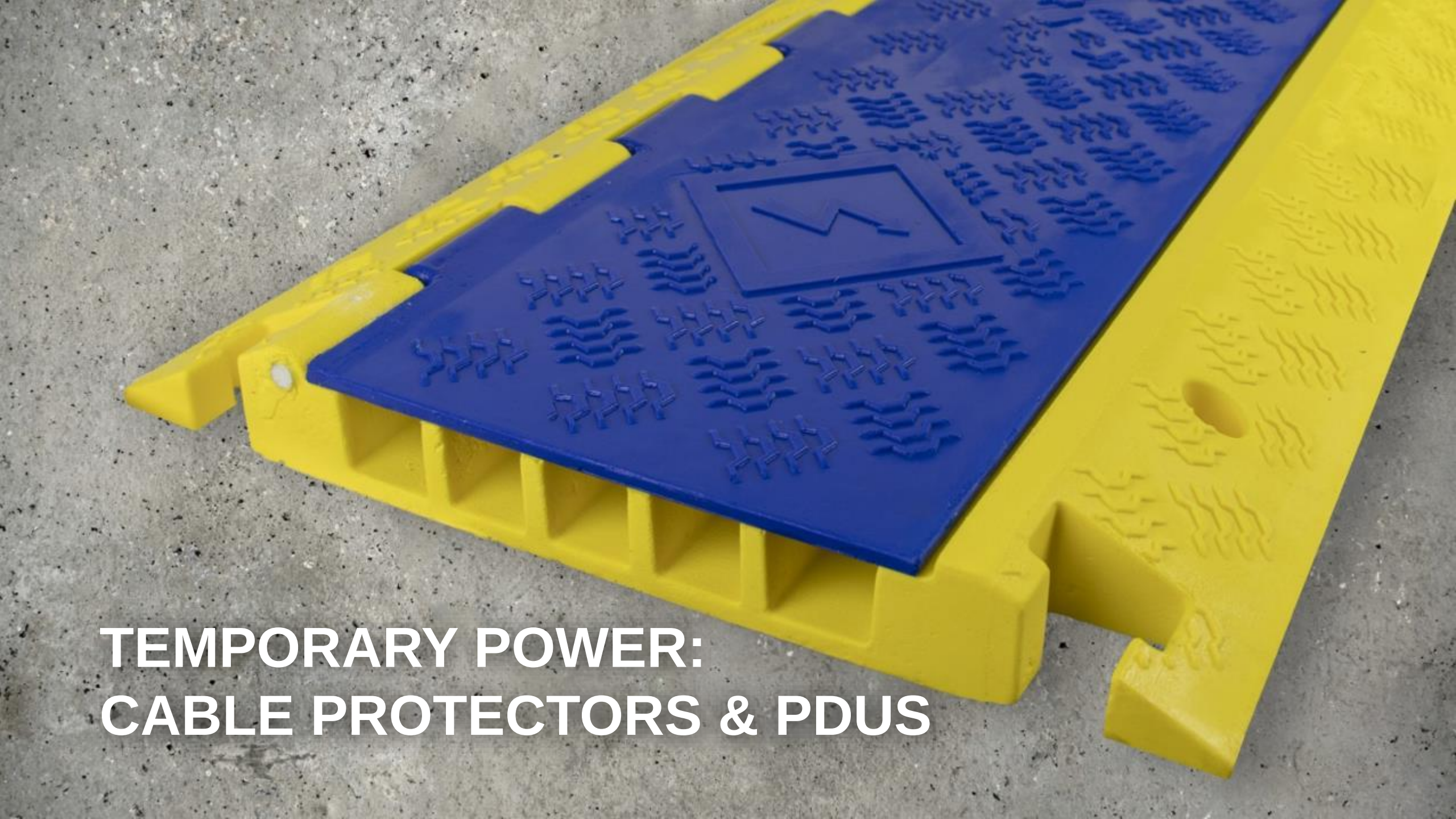
OUTDOOR POWER PEDESTALS



OUTDOOR POWER PEDESTALS

- Ideal for event support at colleges, municipalities, and commercial offices
- Facilities teams can plug in spider boxes, food trucks, etc.
- Can provide standard or higher amperage power (15 – 60A)
- Weather-resistant and customizable
- Shorter heights would allow it to blend with landscaping



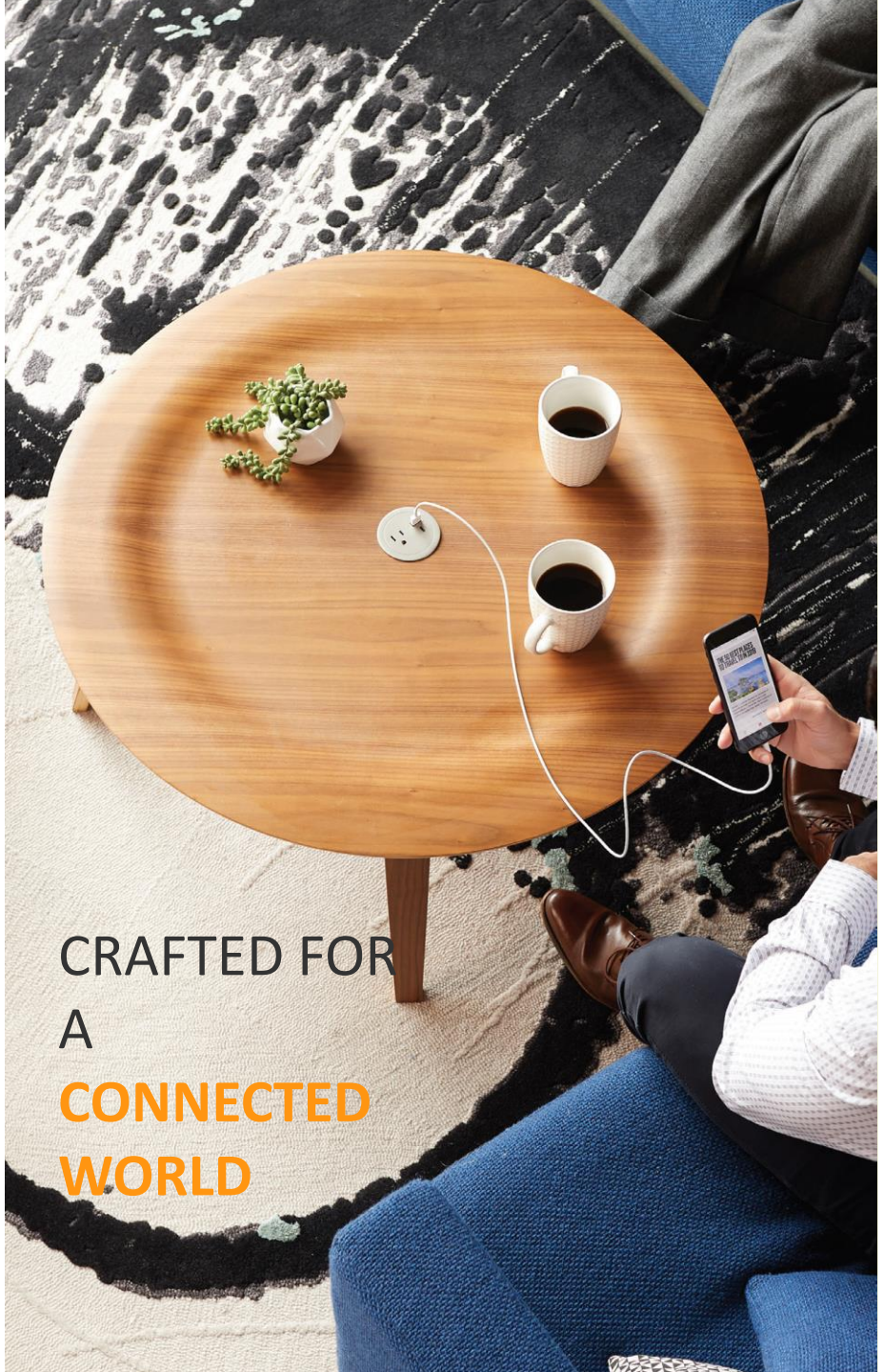


TEMPORARY POWER: CABLE PROTECTORS & PDUS

BUILT-IN POWER

FURNITURE POWER SOLUTIONS

ELECTRICAL WIRING SYSTEMS



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GREAT AESTHETICS + INDUSTRY-LEADING FUNCTIONALITY



Spill water-rated

Heavy Duty USB Ports:

Strength Tested 10,000 times



Tamper-Resistant Outlets





Simple installations + seamless finishes

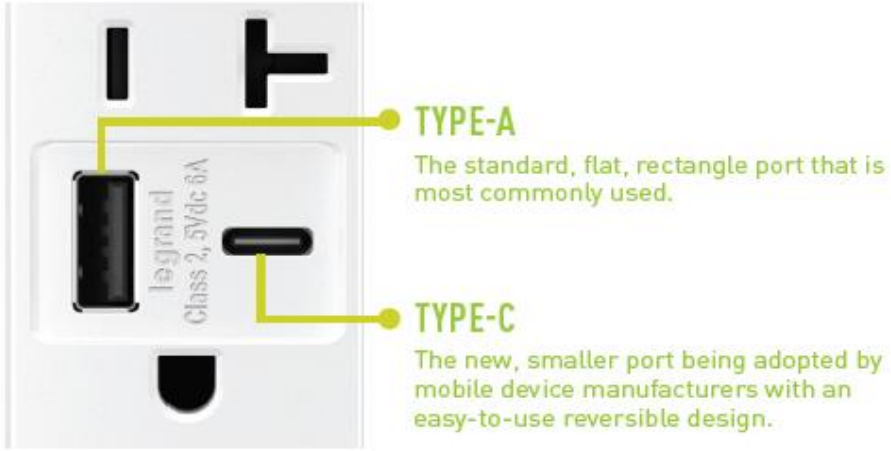
Future proof with new tech: USB C

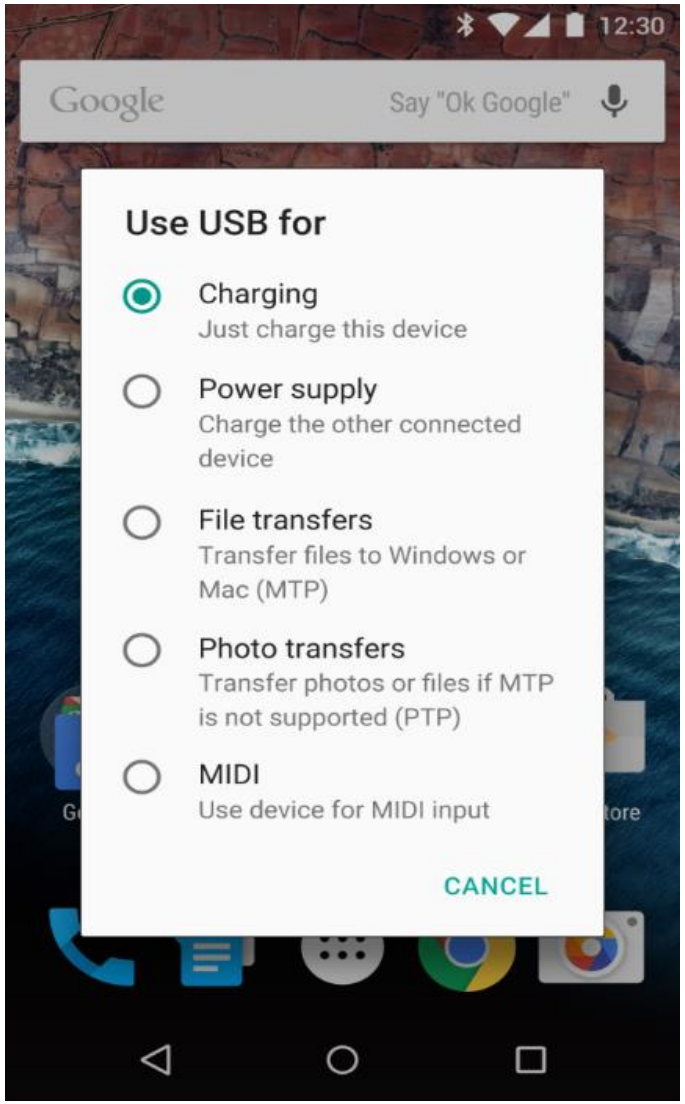
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USB C

- What is USB C?

- Reasons you want type C USB Charging Ports
  - It’s reversible
  - It’s future-proof
  - It’s versatile
  - One cable to rule them all





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A BROAD PRODUCT OFFERING FOR COMMERCIAL INTERIORS



Social + Dining



Workstations



Lounge + Waiting



Huddle Spaces

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1. DESKTOP POWER CENTER

No more searching for power

- The smart, simple way of adding power and charging to workstations
- Easily install on workstations and desktops with the convenient clamp-mounted unit

Product Details

- (2) or (3) Outlet Versions
- (2) USB-A Ports or (1) USB-A and (1) USB-C Port
- Available in black or white/gray







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2. ROUND FURNITURE POWER

Smart charging at your fingertips

- Capability automatically recognizes devices and adjusts the speed of charge
- Safe for spills and horizontal mounting

Two models available:

- One receptacle, one USB-A /C (15W)
- One USB-A, One USB-C (15W)

Product Details:

- USB-A/C 15W charger
- 6 ft and 10 ft cord lengths
- Available in black, white and nickel







RFPCRUAUC-BK

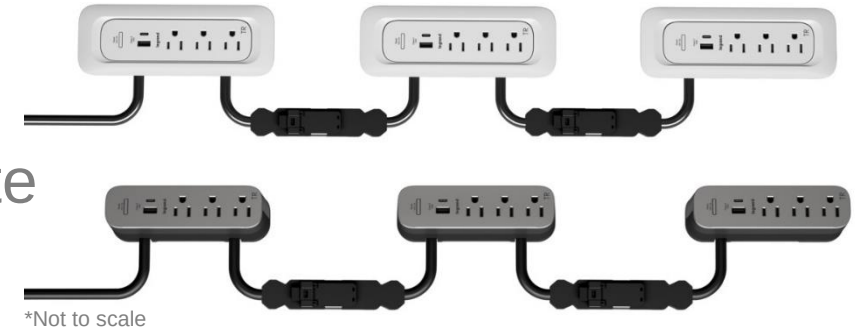


RFPCUAUC-NI

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MODPOWER

- ModPower is the first product listed to UL962A
- Designed to make power easy to change and relocate
- Perfect for any moves, adds, and changes
- 6 feet of separation between units!



*Not to scale





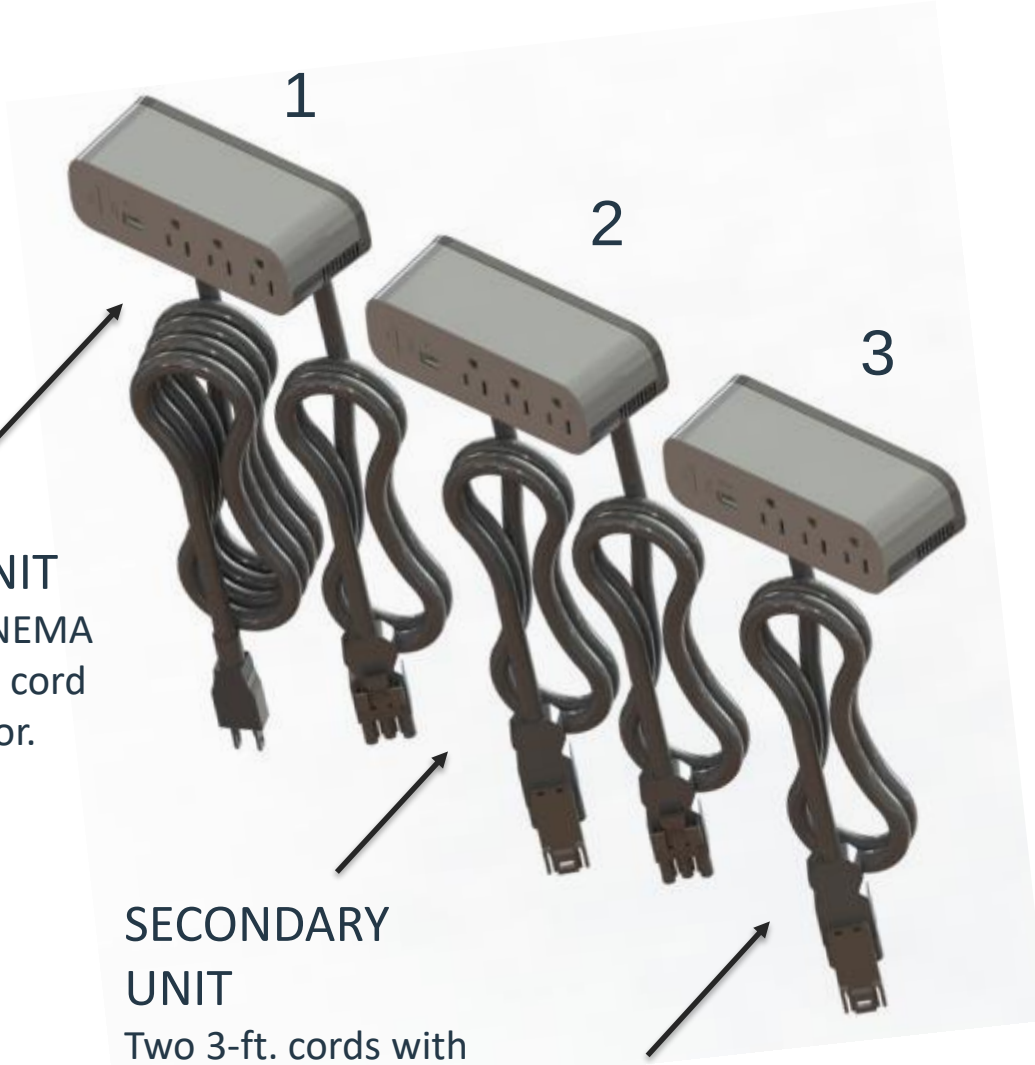


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THREE PARTS IN THE MODPOWER SYSTEM

- Easy to choose which part numbers are needed
- No need to wait for a representative to assist with ordering
- Up to 6 units per system
- Units can be installed in or on surface

Each unit comes with cord clips for cable management needs.



PRIMARY UNIT
10-ft. cord w/ NEMA plug plus a 3 ft. cord with 1 connector.

SECONDARY UNIT
Two 3-ft. cords with 2 connectors.
Up to four middle units allowed in a chain.

END UNIT
3-ft. cord with one connector.

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UL/CSA/CuL Spill Water Compliant.

Passed UL 962A spill water test requirements so it can even be used in a horizontal surface such as a tabletop.

FCC Compliance. This device complies with part 15 of the FCC Rules.

Circuit Breaker: You will notice that our units (primary, middle and end) all utilize a circuit breaker. UL962A Supplement SD requires that all furniture power distribution units for portable (moveable) workspace tables contain supplementary overcurrent protection.

Tamper Resistant Receptacles. Models have 3 tamper resistant receptacles.



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5. RADIANT FURNITURE POWER CENTERS

Convenient and Safe

- Quick and easy to install
- Safe for spills and horizontal mounting



Product Details

- (2) Tamper-Resistant outlets
- (2) USB-A Ports or (1) USB-A and (1) USB-C Port
- Available in black, white, and nickel
- Available with 6’ or 10’ cords





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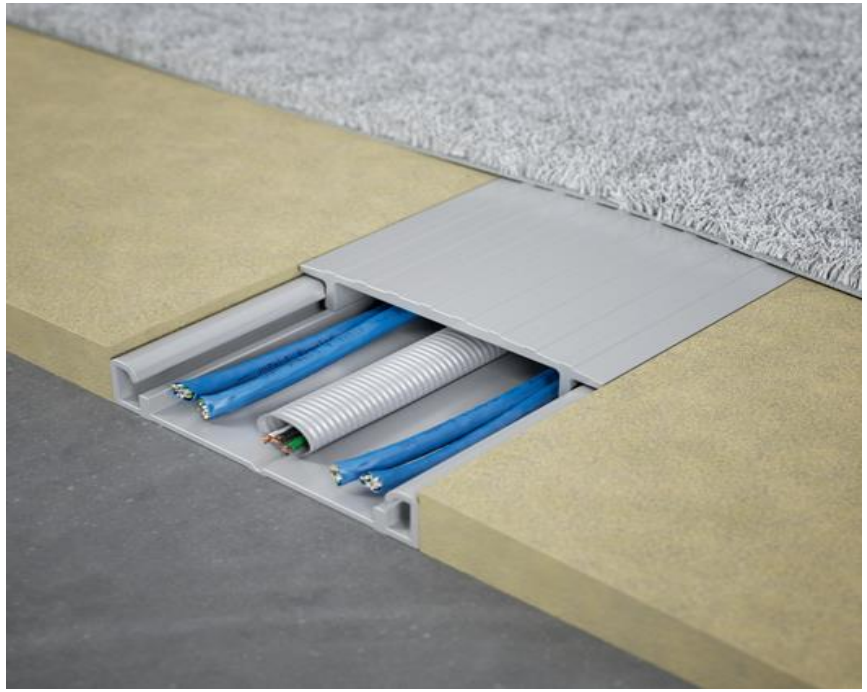


Connectrac

EXPRESS vs FLEX

Express Kits (stocking)

One UPC
One Box
Grab n’ Go



Flex (non-stocking)

Designed System
Fits all spaces
Easily snaps together
Offers max flexibility



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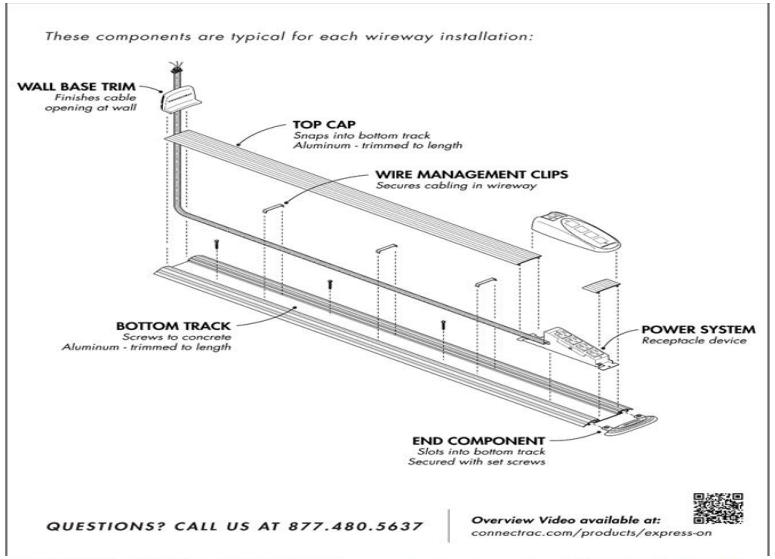
EXPRESS KITS

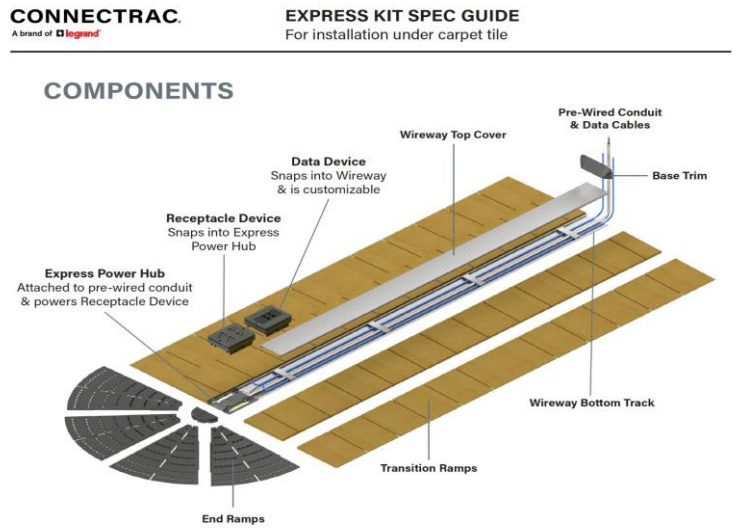
Installs on top of any flooring to supply power & data where needed

A hidden solution for power & data used in spaces with carpet tiles

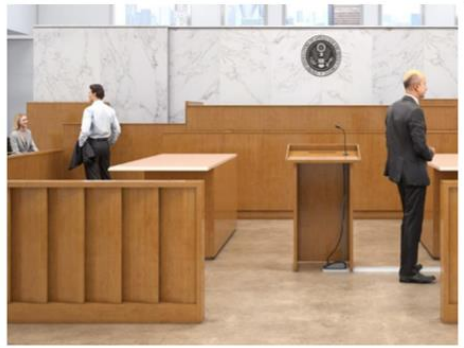
75% of your applications 6 Kits

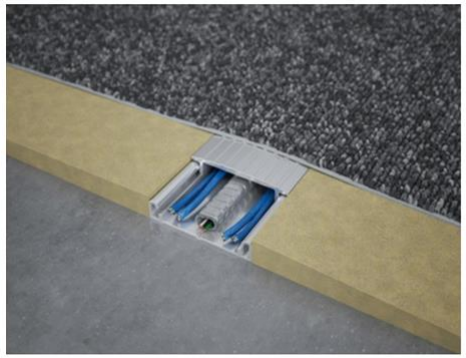
- One Box
- Grab n' Go
- 6'-9'-12'-
- Onfloor/Under Carpet













4. WIRELESS CHARGING PUCK



Features:

WPC Qi V1.2.4 certified

Compatible with all Qi enabled devices

- Apple iPhone X, 8+, 8 and Samsung Galaxy S8, S8 edge, S7, S7 edge and Note 5

Fast charging

- 7.5W for Apple devices and 10W for Samsung devices

Simple DIY installation from above or below the furniture surface

Includes 1.5M USB charging cable and power supply

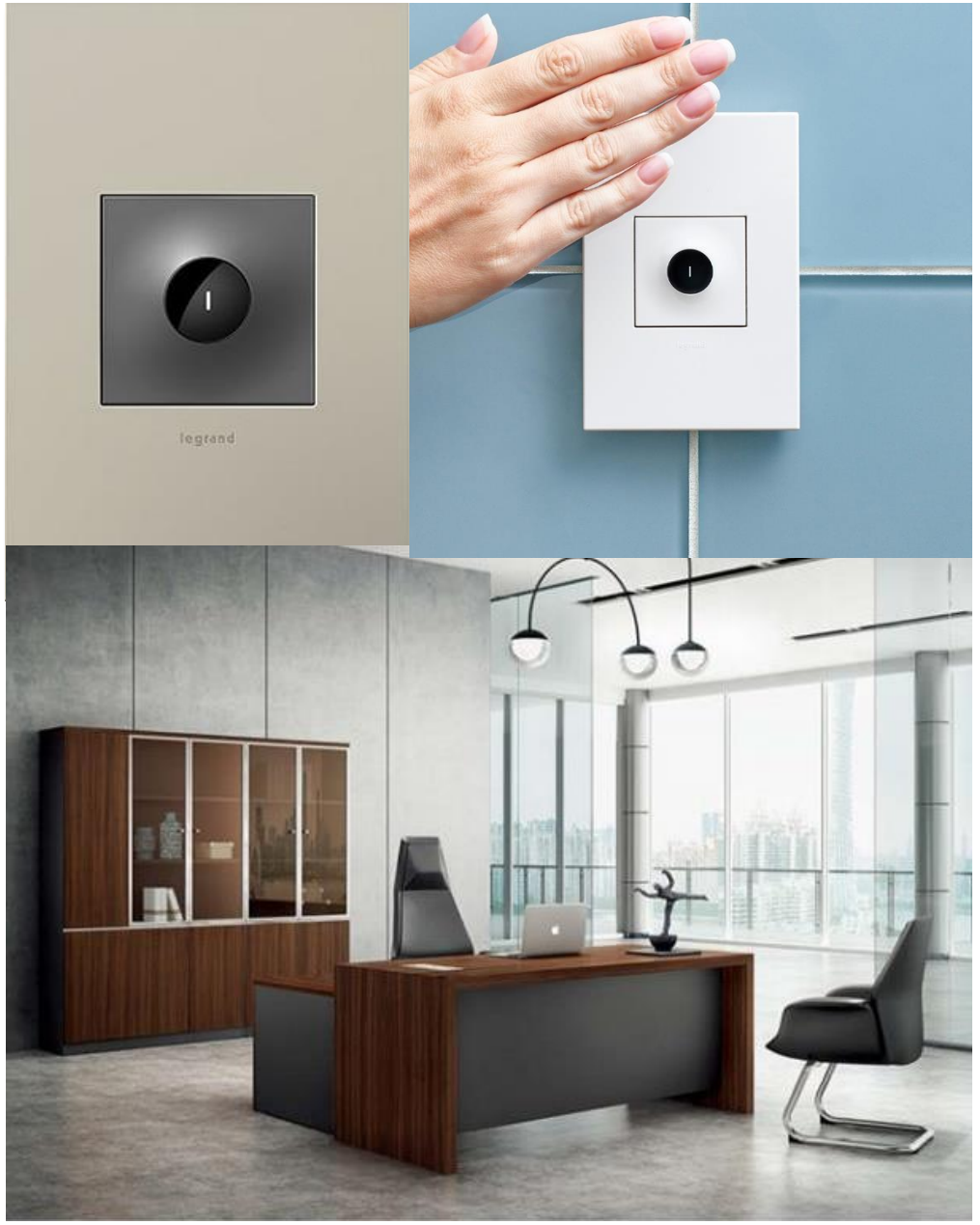
Perfect for furniture in hospitality or commercial spaces



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WAVE SWITCHES

- Help bring workers back safely!
- Touchless switching for highly populated or frequently touched spaces & surfaces
- **We are investing in this lineup, which includes:**
  - adorne 15A, 120VAC
  - adorne 20A, 120VAC *(est. Q2)*
  - radiant 20A, 120VAC *(est. Q3)*

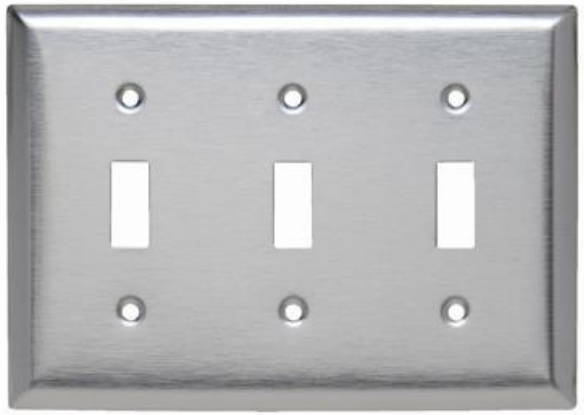


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CHEMICAL RESISTANT SWITCHES AND OUTLETS WITH STAINLESS STEEL OR NYLON WALL PLATES



Chemical-resistant thermoplastic toggle switch, cover and back body offers durability, strength, and resistance to harsh cleaners.





Nylon available in TP Series Only

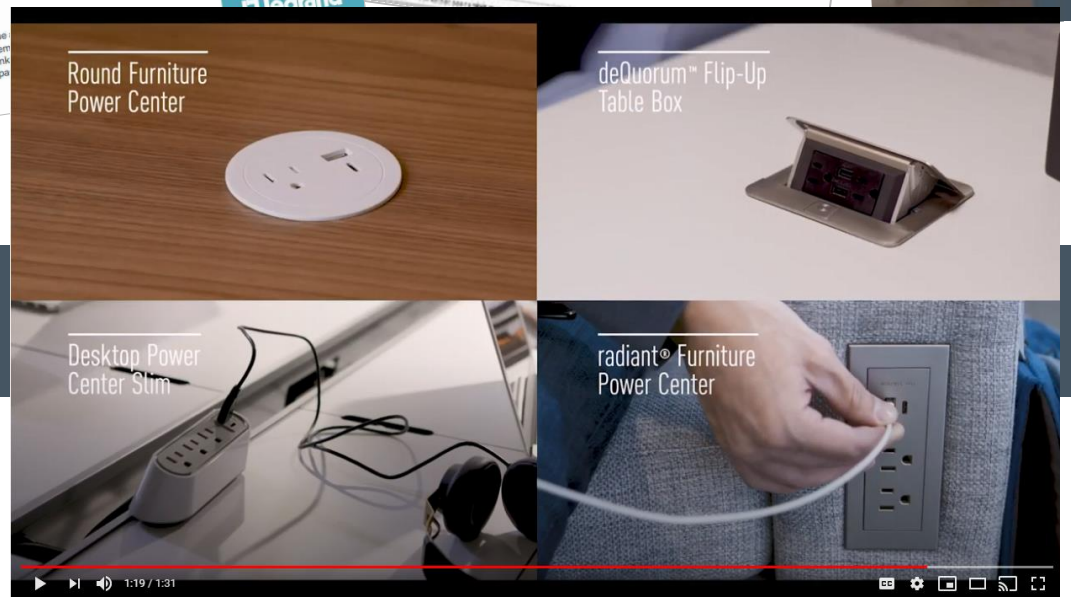


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RESOURCES

- **Brochures**
- **Code FAQ documents**
- **Cutsheets**
- **Videos**
- **In-person or virtual**
- **Meetings**





legrand.us/power-to-change

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THANK YOU!

Questions welcomed.

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