THE NEW
LUMIROD 110C
LED CLOSET ROD

PRODUCT **APPLICATION AND INSTALLATION** MANUAL
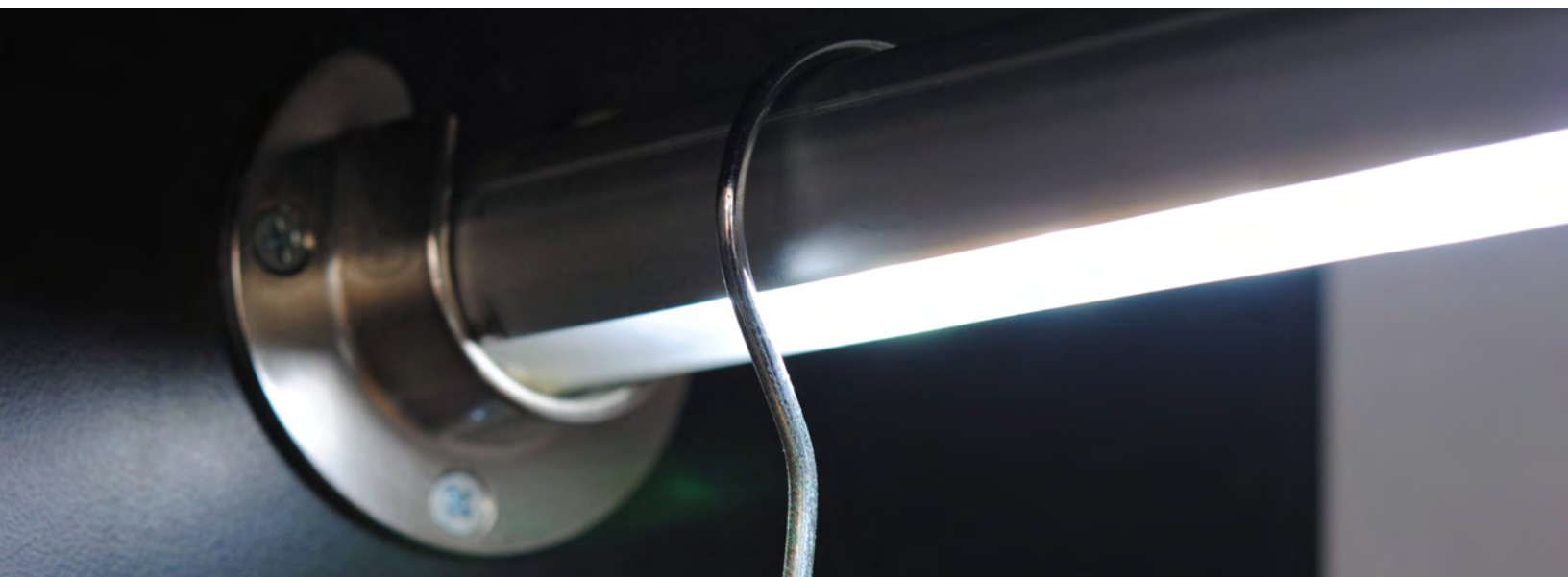
lumiron.com

LUMIRON
LED LIGHTING

TABLE OF CONTENTS

ABOUT
LUMIROD 110C

PLEASE NOTE THAT REGARDLESS OF NUMBER OF RODS USED, OR TYPE OF INSTALLATION FOR A SPECIFIC PROJECT, ALL OPTIONS IN THIS MANUAL NEED TO FOLLOW CORRECT INSTALLATION INSTRUCTIONS

REMINDER

To avoid damage to the LUMIROD RODS and electric parts, follow the instructions on this manual as described.

If you have any questions, please contact us at **305-652-2599** or send us your questions to **sales@lumiron.com.**

PRODUCT APPLICATIONS

BENEFITS & FEATURES

- ✓ Made in USA.

- ✓ Easy installation and low maintenance.

- ✓ DYU, Do it yourself easy option.

- ✓ Custom lengths and unique color sequencing.

- ✓ Indoor and outdoor.

- ✓ Dimmable, DMX, Wi-Fi, RF Wireless, Smart Phone App, soon with Amazon Alexa integration.

- ✓ **Low power consumption**

The LUMIROD is an LED linear closet rod that has an integrated LED lighting system inside the extrusion. It is designed for closets and storage spaces to illuminate clothing hanging below it, or other items directly from the aluminum extrusion.

The LUMIROD is strong enough to support up to 50lbs per foot. It comes in low voltage of 24 VDC.
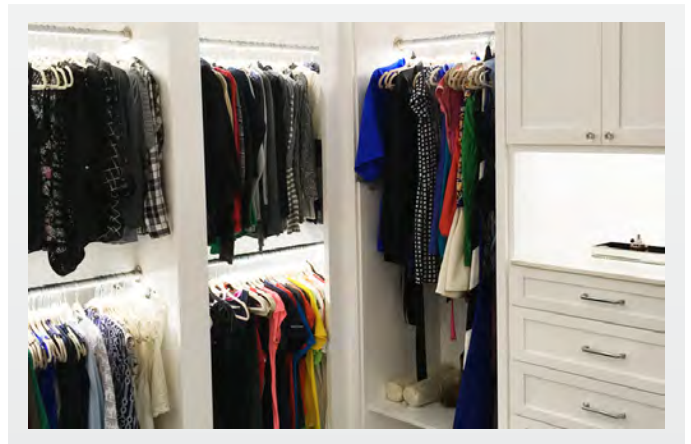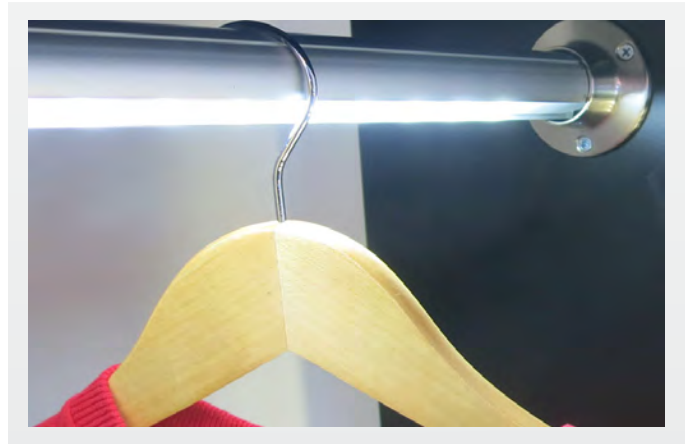
LUMIROD 110C
LED CLOSET ROD

Great looking and innovative fixture, is easy to install and can be customized to a maximum length of 8 feet. With a power consumption of only 6watts per foot, it is a safe, cool, and a low voltage (3-6V) fancy product.

It can be dimmed and/or controlled with an automatic on/off system; it can turn on when the door opens/close or with a motion detector system.

The **LUMIROD 110C LED CLOSET ROD** will soon have the option for Amazon Alexa integration.

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PRODUCT SPECIFICATIONS

LENGTHS	6" – 96" (Custom Lengths Available)
DIAMETER	1.10" (27.94 mm)
COLOR TEMP	Warm White, Neutral White, Cool White, Red, Amber, Green, Blue, RGB, RGBW
WATTAGE / FOOT	3 or 4.5 Watts
LUMENS / FOOT	T2: 259/foot or T4: 447/foot
INPUT VOLTAGE	24 VDC
VIEW ANGLE	120 Degrees
LED TYPE	T4 (2835)
IP RATING	Indoor Standard IP20 – Outdoor IP67 EPX Series
CRI	90
LENS	Diffused Lens Standard
HOUSING	Anodized Clear Aluminum Extrusion (Custom Colors Available)
MOUNTING	Newly updated Closet Rod Mounting Brackets
LEADS	2 Foot 18g 2 Cond (Custom Wire Lengths Available)

PRODUCT CODES

ORDER CODES ✎

SERIES	LENGTH	ACCESORIES	LENS	LENS TYPE	IP RATING
LUMIROD 110C	6" – 96"	Motion sensor TRX Magnet connector Brackets	**DF** (Diffused)	**CV** (Curved)	**IN** (Indoor) **EPX** (Outdoor)

COLOR	WHITE COLOR TEMP
CW (Cool White)	6000K
NW (Neutral White)	4000K
WW (Warm White)	3000K, 2700K
RGB (Red, Green, Blue)	-------
RGBW (Red, Green, Blue, White)	6000K, 4000K, 3000K (white only)
CCT (Changing White)	6000K, 3000K

MOUNTING
CR Closet Rod Custom Mounting

CUSTOM ORDER EXAMPLE

SERIES	LENGTH	ACCESORIES	IP RATING
LUMIROD 110C	4' – 6"	Brackets	**IN** (Indoor)

COLOR	WHITE COLOR TEMP
WW (Warm White)	3000K

MOUNTING
CR Closet Rod Custom Mounting

IMPORTANT NOTE:

Specifications and characteristics shown can change at any time due to the constant improvements to LED lightning options and technology. Pictures and blueprints on this manual are only examples, dimensions and type will vary according to each custom project.

BRACKET SIDE B

LED STRIP AND LENSE

EXTRUSION

BRACKET SIDE A
(Wiring goes on this SIDE)

TOP VIEW

SIDE VIEW OF EXTRUSION CUT

0.705

0.472

1.110
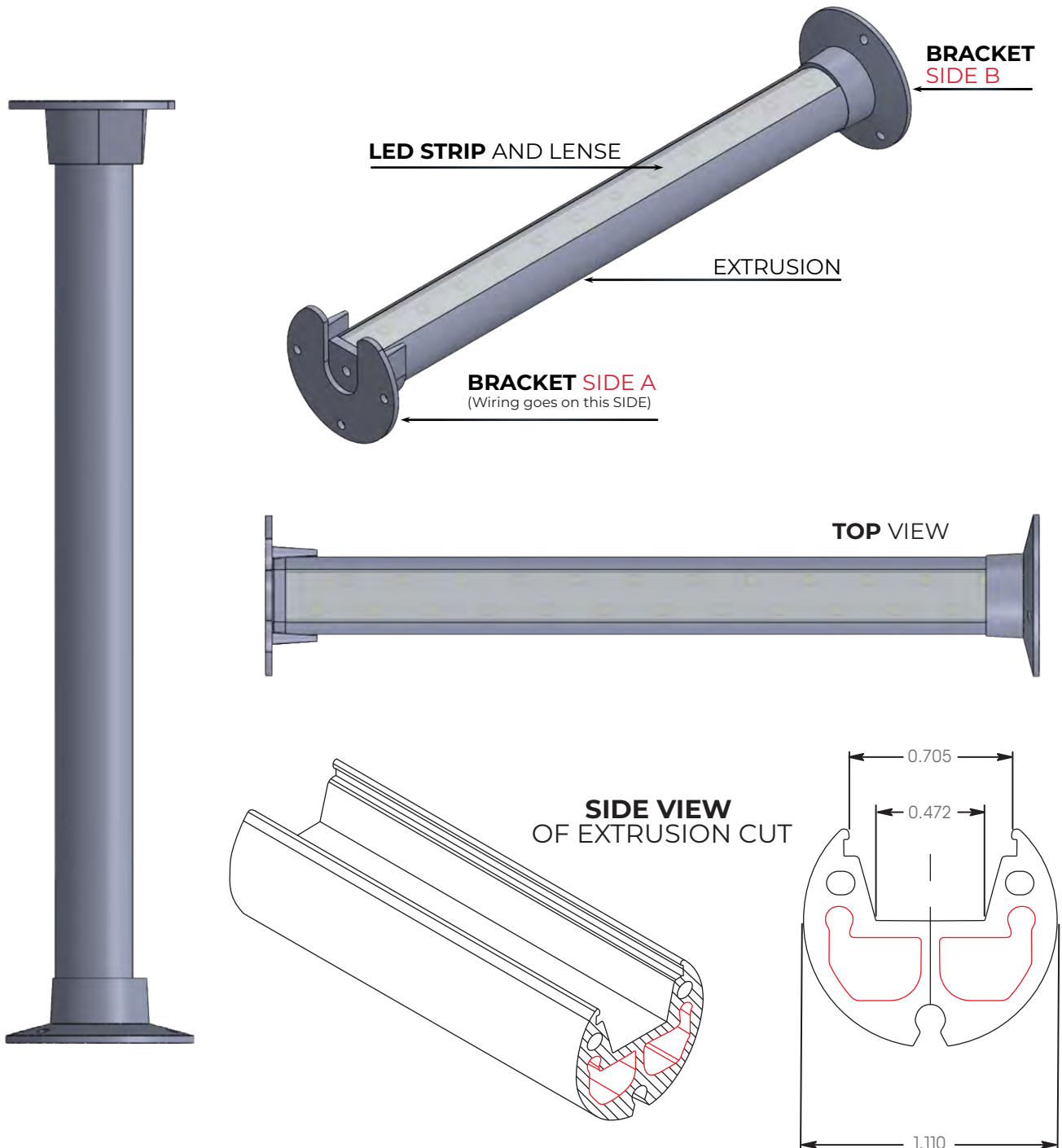
ENDING CAP & BRACKET SIDE A RENDERING

.16

R.08

Ø .16

1.11

ENDING CAP
SIDE A

✎ **IMPORTANT** NOTE:

Make sure the wiring from **EXCRUSION** is going through **SIDE A** of **ENDING CAP** and **BRACKET,** regarddless on option of installation.

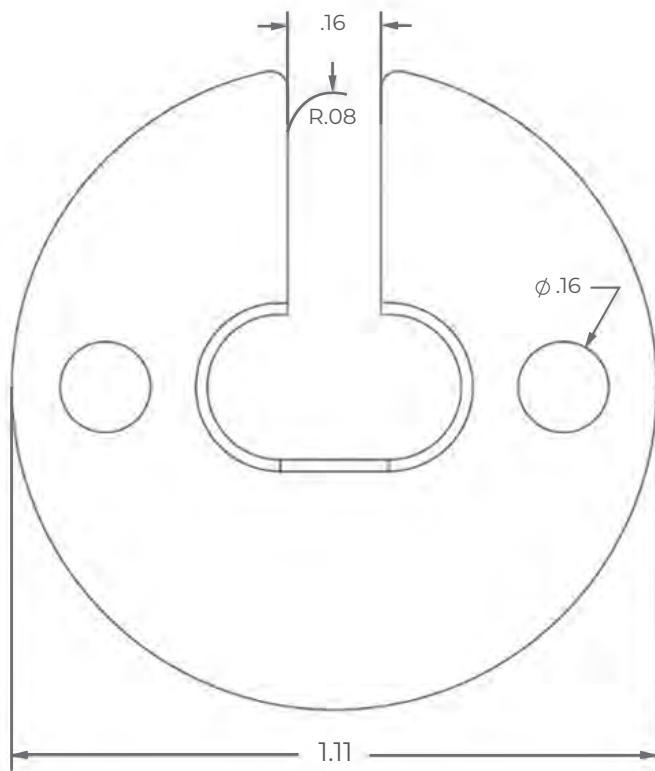After securing the **ENDING CAP** to extrusion with the screws provided for installation, make sure the wired part goes with **SIDE A** of **BRACKET.**

Follow instructions on SECTION 3 for correct electrical installation.

BRACKET A

BRACKET
SIDE A

1:1 SCALE

Ø .19

1.16

Ø .44

Ø .34
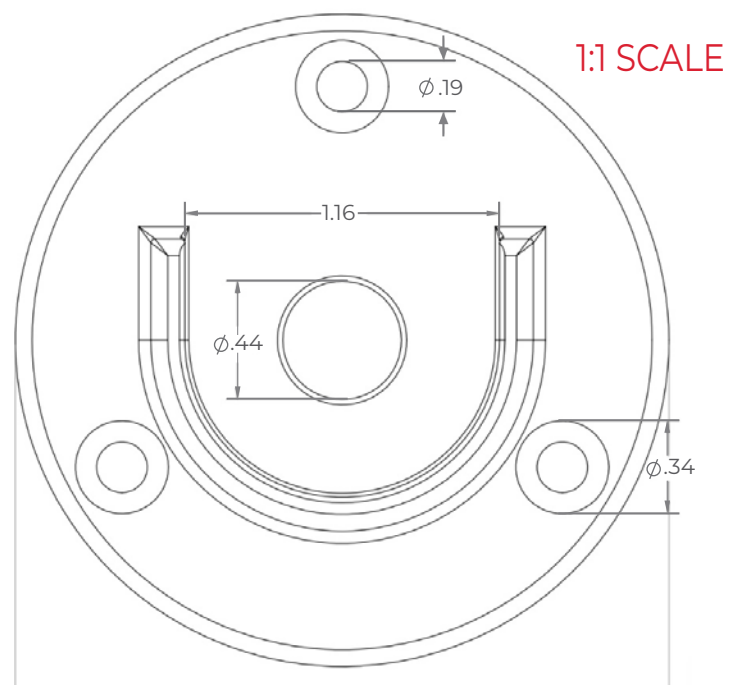
ENDING CAP & BRACKET SIDE B RENDERING

1:1 SCALE

.16

R.08

Ø .16

1.11
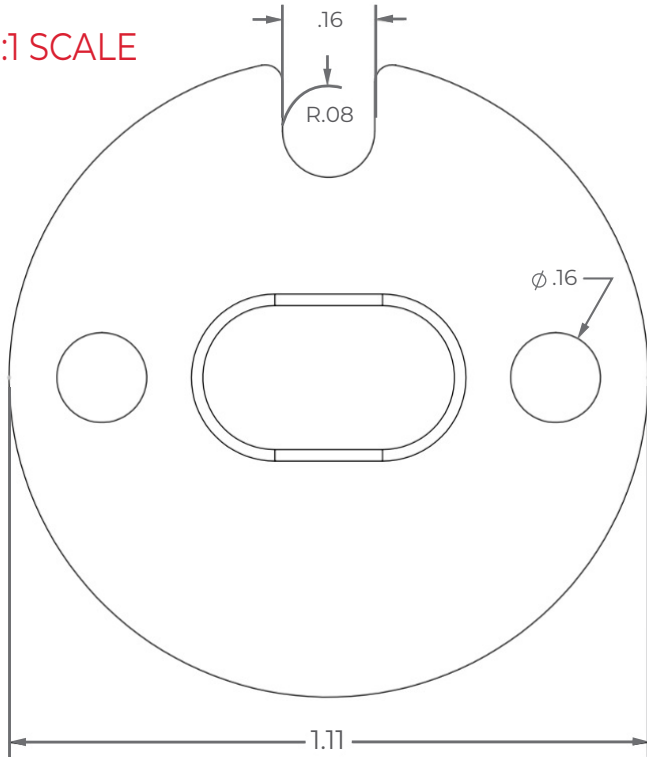
ENDING CAP
SIDE B

✏️ **IMPORTANT** NOTE:

Make sure **NO** wiring goes through **SIDE B** of **ENDING CAP** and **BRACKET. This side is not designed to support any wiring.**

Follow instructions on **SECTION 3** for correct electrical installation.

BRACKET

BRACKET
SIDE B

1:1 SCALE

Ø .19

Ø.44

Ø.34
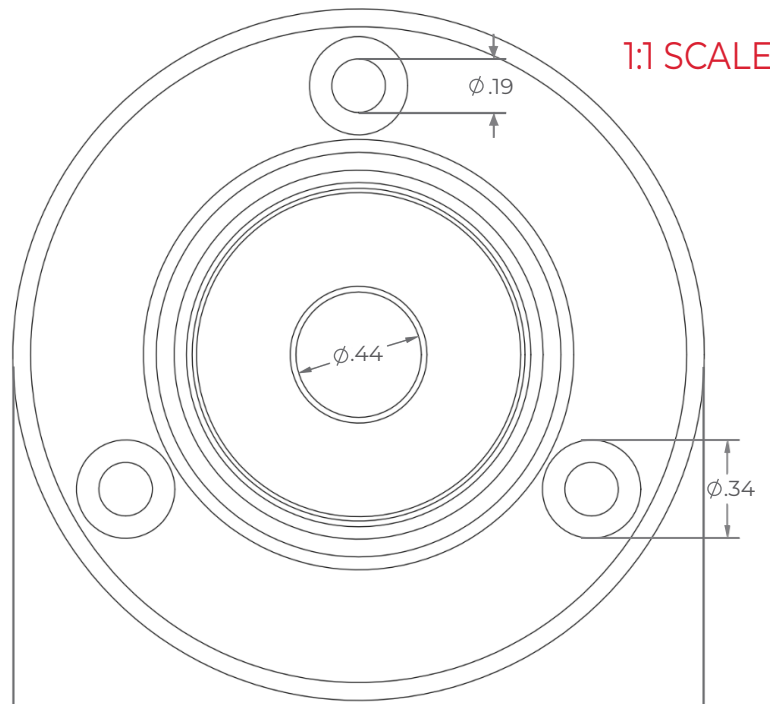
OPTIONAL ACCESSORIES

MAGNET SWITCH

ACC300-CNT-1001MGT

The ACC300-CNT-1001MGT it is a switch on/off Magnet Connector for closet door

MOTION SENSOR TRX

MOTION-SENSOR-TRX

The **MOTION SENSOR TRX** is a great product to improve the lighting experience for your future Cove and Architectural project. The product contains a built in motion sensor capability, which automatically activates once sensor detects motion.

CEILING SUPPORT LU1CS

EXTRA SUPPORT OPTION
FOR HEAVY DUTY SETUPS

✎ IMPORTANT NOTE

The **CEILING CABLE** is only necessary and designed for extra support when the weight the **LUMIROD 110C** will support is **more that 50 lbs**, and/or the setup for installation requaried a **longer ROD than 6' (feet).**
Refer to **page 15** for Blueprint of installation.
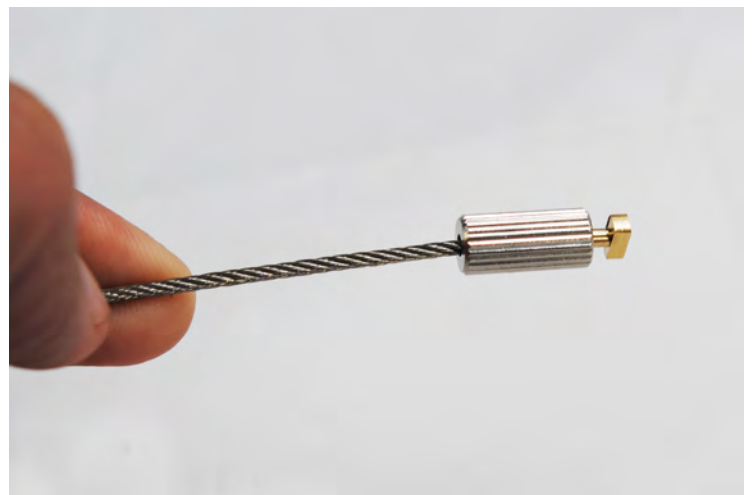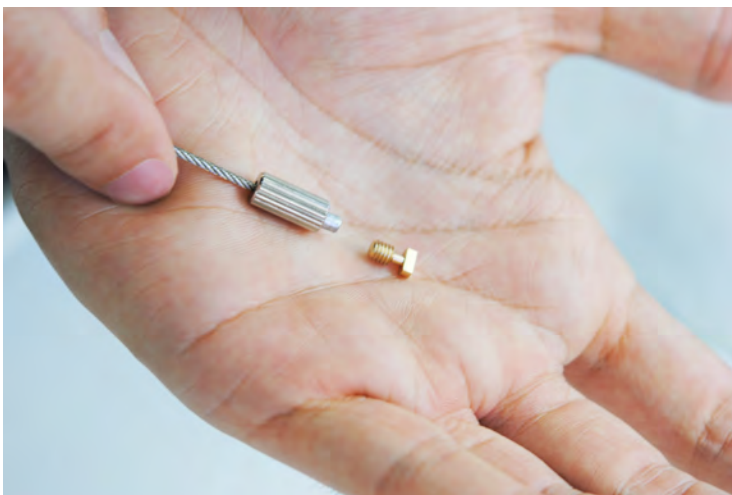
BLUEPRINTS
LUMIROD 110C

PLEASE NOTE THAT REGARDLESS OF NUMBER OF RODS USED, OR TYPE OF INSTALLATION FOR A SPECIFIC PROJECT, ALL OPTIONS IN THIS MANUAL NEED TO FOLLOW CORRECT INSTALLATION INSTRUCTIONS

REMINDER

To avoid damage to the LUMIROD RODS and electric parts, follow the instructions on this manual as described.

If you have any questions, please contact us at **305-652-2599** or send us your questions to **sales@lumiron.com.**

WALL WIRING OPTION

✎ FOLLOW THE
CORRECT WIRING

On this installation option, **THE WIRING** goes through a wall, or closet wall, so none of the wiring is on view. Follow the **WIRING DIAGRAM** on **SECTION 4,** for how install Optional Accesories.

⚠ WARNING!

Make sure that the wired part of the **LUMIROD ROD**, is installed with the **SIDE A** of **ENDING CAP** and **BRACKET.**

POWER SUPPLY

LUMIROD 110C

WIRING GOES HROUGH BRACKET **SIDE A**

BRACKET SIDE B

LUMIROD 110C

WIRING GOES HROUGH BRACKET **SIDE A**

BRACKET SIDE B
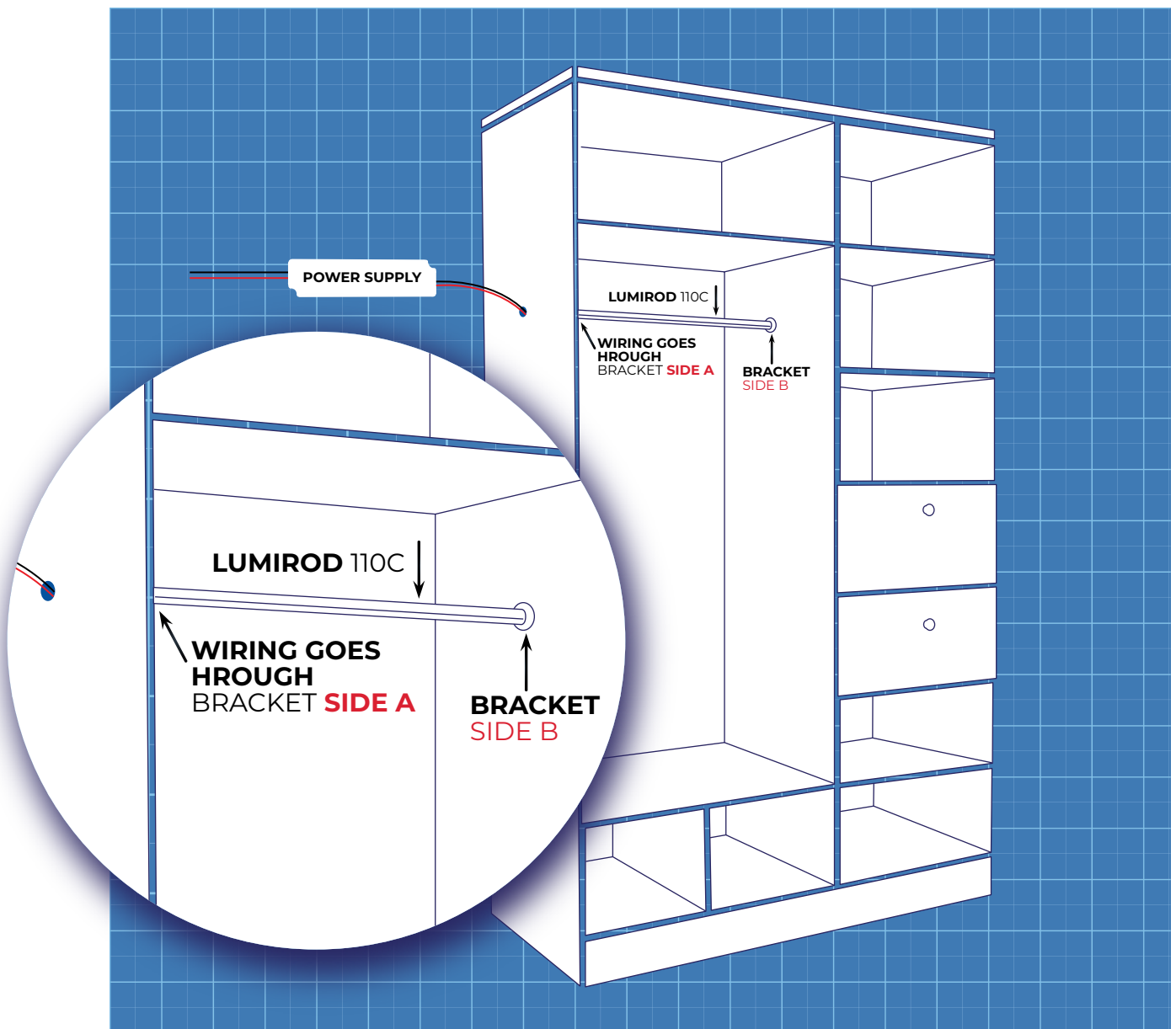
LUMIROD 110C INSTALLATION BLUEPRINT

OUTSIDE/CEILING WIRING OPTION

FOLLOW THE
CORRECT WIRING

On this installation setup, **THE WIRING** goes outside through the ceiling, or closet ceiling top, and the wiring is on view. This setup is an option when wiring through the wall is not possible. Follow the **WIRING DIAGRAM** on **SECTION 4,** for how install Optional Accesories.

⚠️ WARNING!

Make sure that the wired part of the **LUMIROD ROD**, is installed with the **SIDE A** of **ENDING CAP** and **BRACKET.**
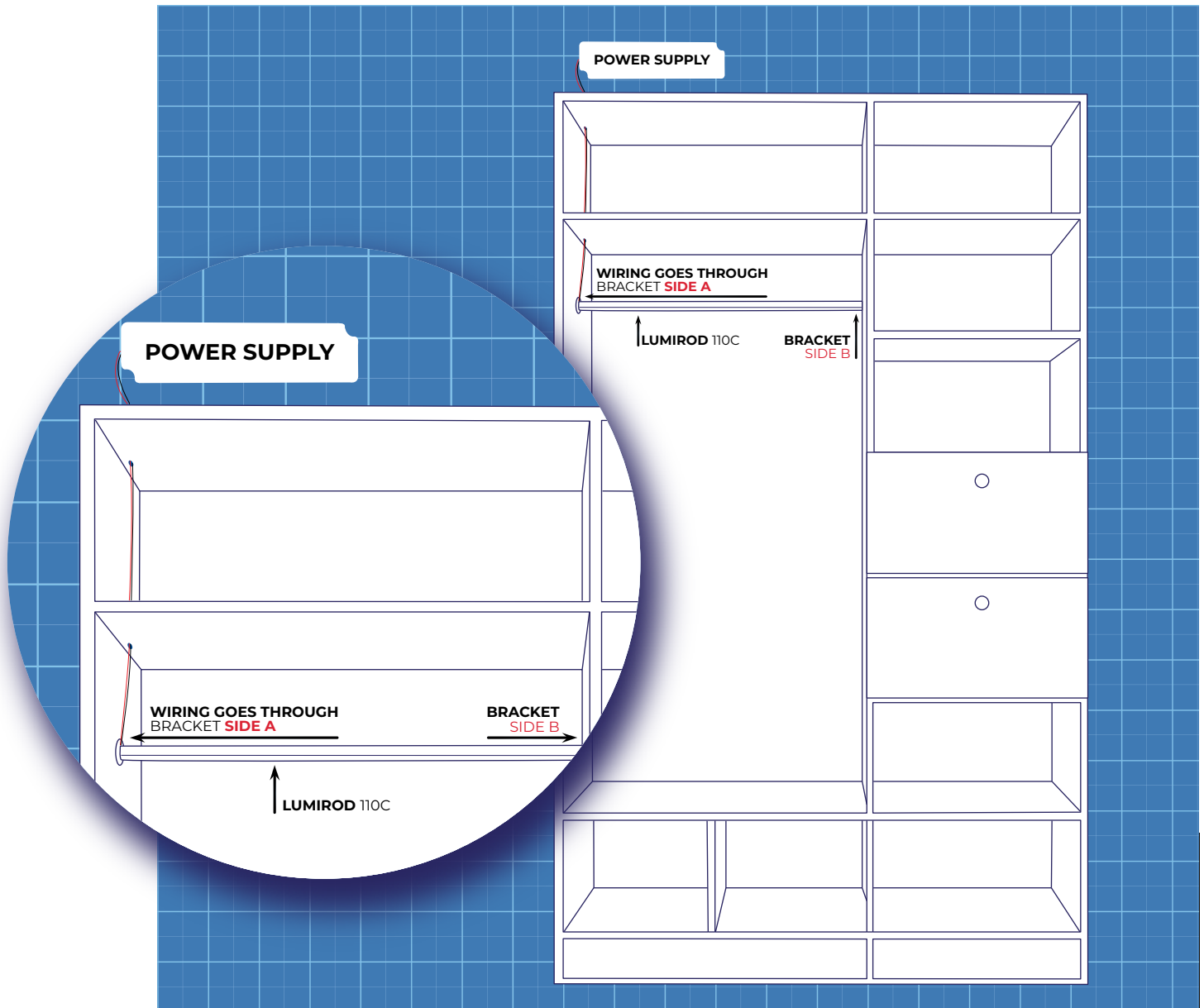

POWER SUPPLY

WIRING GOES THROUGH
BRACKET **SIDE A**

LUMIROD 110C

BRACKET
SIDE B

POWER SUPPLY

WIRING GOES THROUGH
BRACKET **SIDE A**

BRACKET
SIDE B

LUMIROD 110C

CEILING SUPPORT LU1CS OPTION

POWER SUPPLY

Attach to the ceiling or closet ceilingtop. Screws are provided with the **LUMIROD 110C RODS**

CEILING SUPPORT LU1CS

WIRING GOES THROUGH **BRACKET SIDE A**

LUMIROD 110C

BRACKET SIDE B

CEILING SUPPORT LU1CS

LUMIROD 110C

IMPORTANT NOTE:

The **CEILING CABLE** is only necessary and designed for extra support when the weight the **LUMIROD 110C** will support is **more that 50 lbs**, and/or the setup for installation requaried a **longer ROD than 6' (feet).**
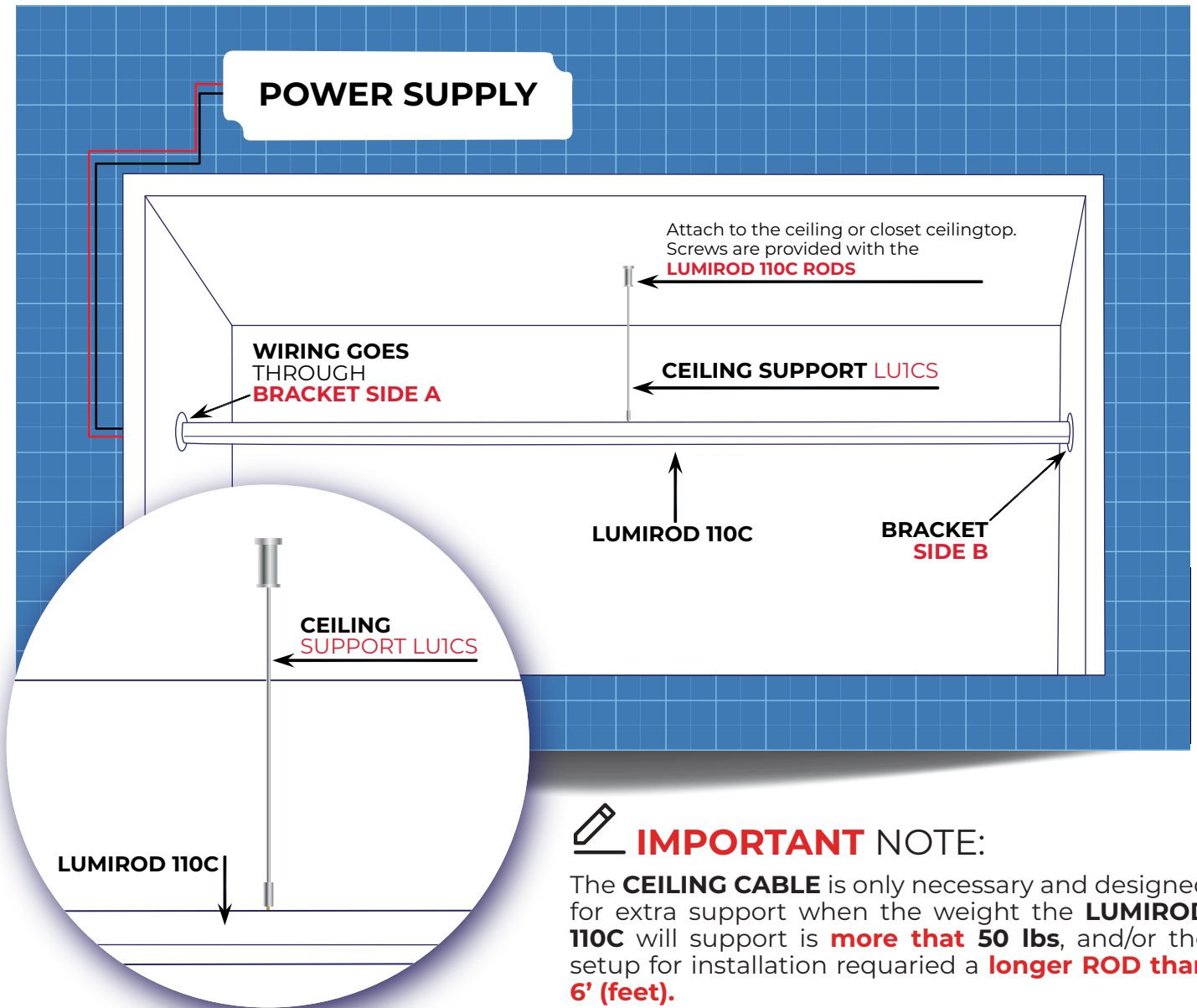
ELECTRICAL
WIRING

Regardless of type of installation, electrical wiring will be the same on all rods. All the required electrical supplies needed for each specific project, will be provided along with **LUMIROD 110C LED RODS**

WIRING INSTALLATION DIAGRAM

WIREWORK FOR SINGLE LUMIROND 110C ROD

⚠️ **WARNING!**

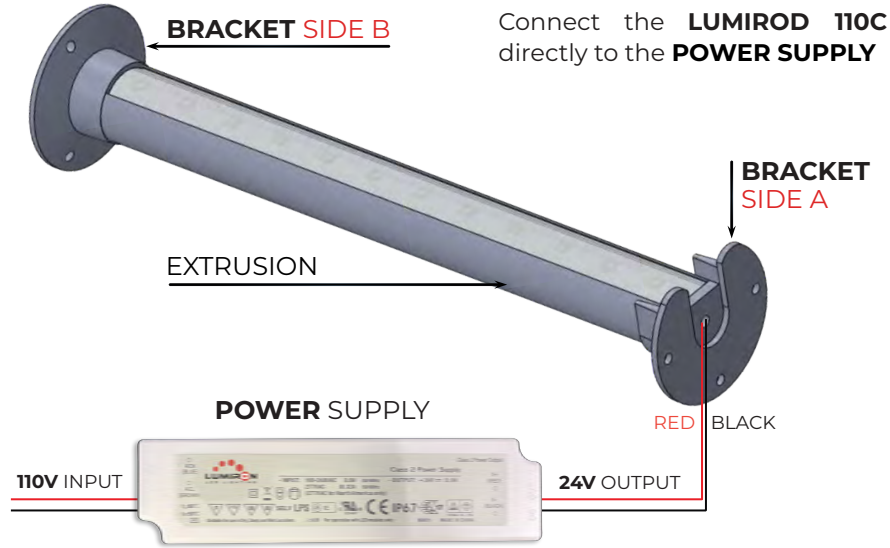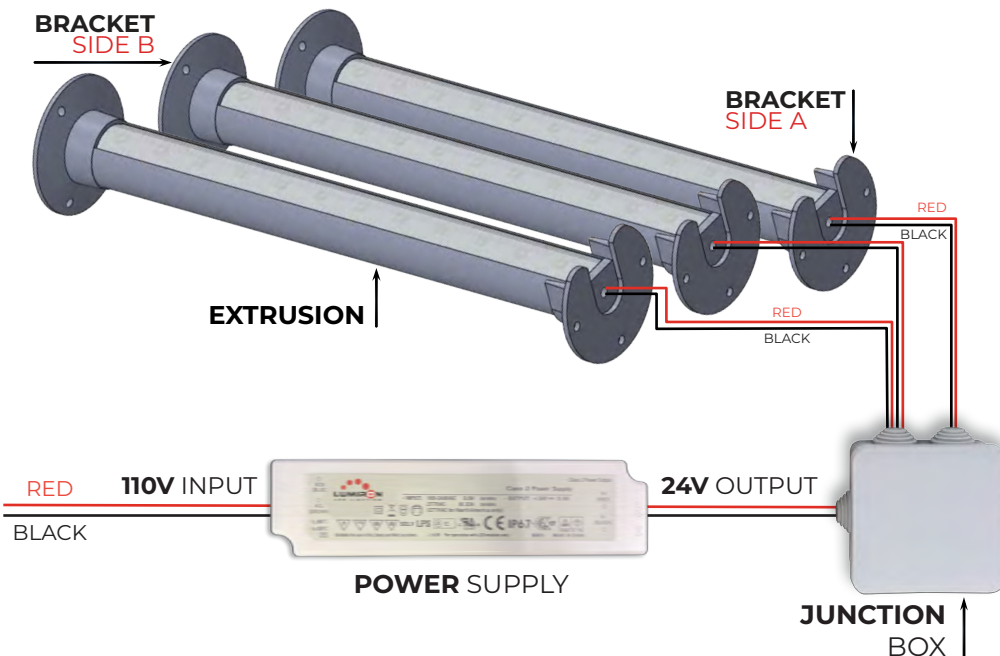Do not connect the wired end of **LUMIROD 110C** to **SIDE B** of **ENDING CAP** or **BRACKET**. Wired end must be connected to **SIDE A** of both **ENDING CAP** and **BRACKET**, as shown on picture bellow.

ENDING CAP SIDE A

✎ **FOLLOW THE** CORRECT WIRING

Connect the **LUMIROD 110C** directly to the **POWER SUPPLY**

BRACKET SIDE B

BRACKET SIDE A

EXTRUSION

POWER SUPPLY

110V INPUT

24V OUTPUT

RED BLACK

WIREWORK FOR MULTIPLE LUMIROND 110C ROD

BRACKET SIDE B

BRACKET SIDE A

EXTRUSION

RED
BLACK

RED
BLACK

RED 110V INPUT

BLACK

24V OUTPUT

POWER SUPPLY

JUNCTION BOX

💡 **REMEMBER!**

Connect the wired end of **LUMIROD 110C** to **SIDE A** of both **ENDING CAP** and **BRACKET**, as shown on picture bellow.

ENDING CAP SIDE A

✎ **IMPORTANT** NOTE:

It is recommended that in case of a multiple installation, the **LUMIRODS 110C** are connected through a **JUNCTION BOX** to the **POWER SUPPLY**
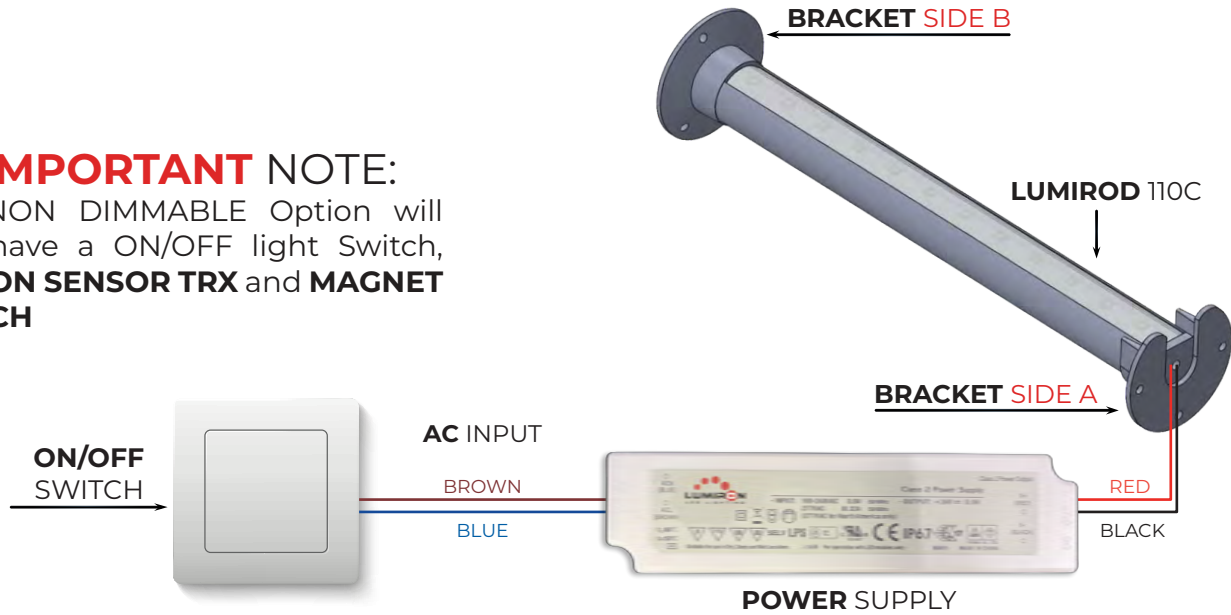
DIMMER ASSEMBLY

ON/OFF ONLY
OPTION FOR NON-DIMMABLE

BRACKET SIDE B

LUMIROD 110C

✏️ **IMPORTANT** NOTE:
The NON DIMMABLE Option will only have a ON/OFF light Switch, **MOTION SENSOR TRX** and **MAGNET SWITCH**

BRACKET SIDE A

ON/OFF SWITCH

AC INPUT

BROWN

BLUE

RED

BLACK

POWER SUPPLY

WIRED
OPTION FOR DIMMABLE

POWER SUPPLY

LED Driver
LMPS100S24VDC-DM-OD
120V 60Hz 1A · 24VDC
100W max · Indoor Outdoor
Class 2 · Instruction enclosed

24VDC DIMMER
LIGHT SWITCH

⚠️ **WARNING!**

DO NOT CONNECT THE **LUMIROD 110C** DIRECTLY TO **AC 110V-220V**

GREEN

RED   BLACK

110V INPUT

WHITE

BLACK

GREEN

BLUE   RED
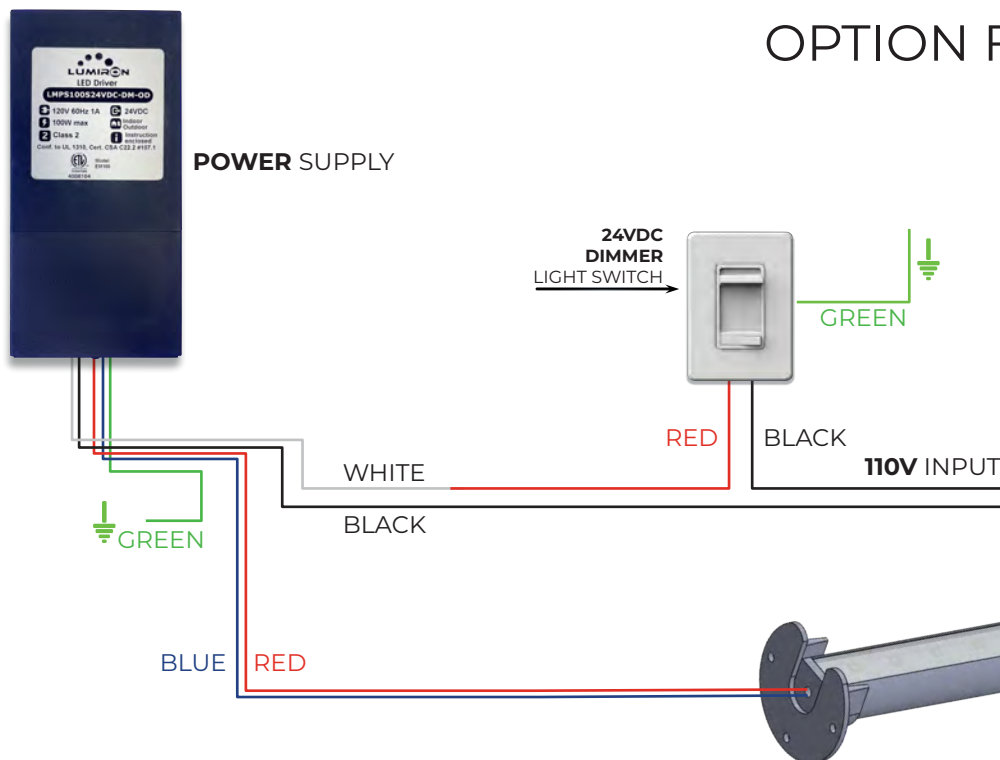
DIMMER ASSEMBLY

WIRELESS
OPTION FOR DIMMABLE

⚠️ **WARNING!**

DO NOT CONNECT THE **LUMIROD 110C** DIRECTLY TO **AC 110V-220V**
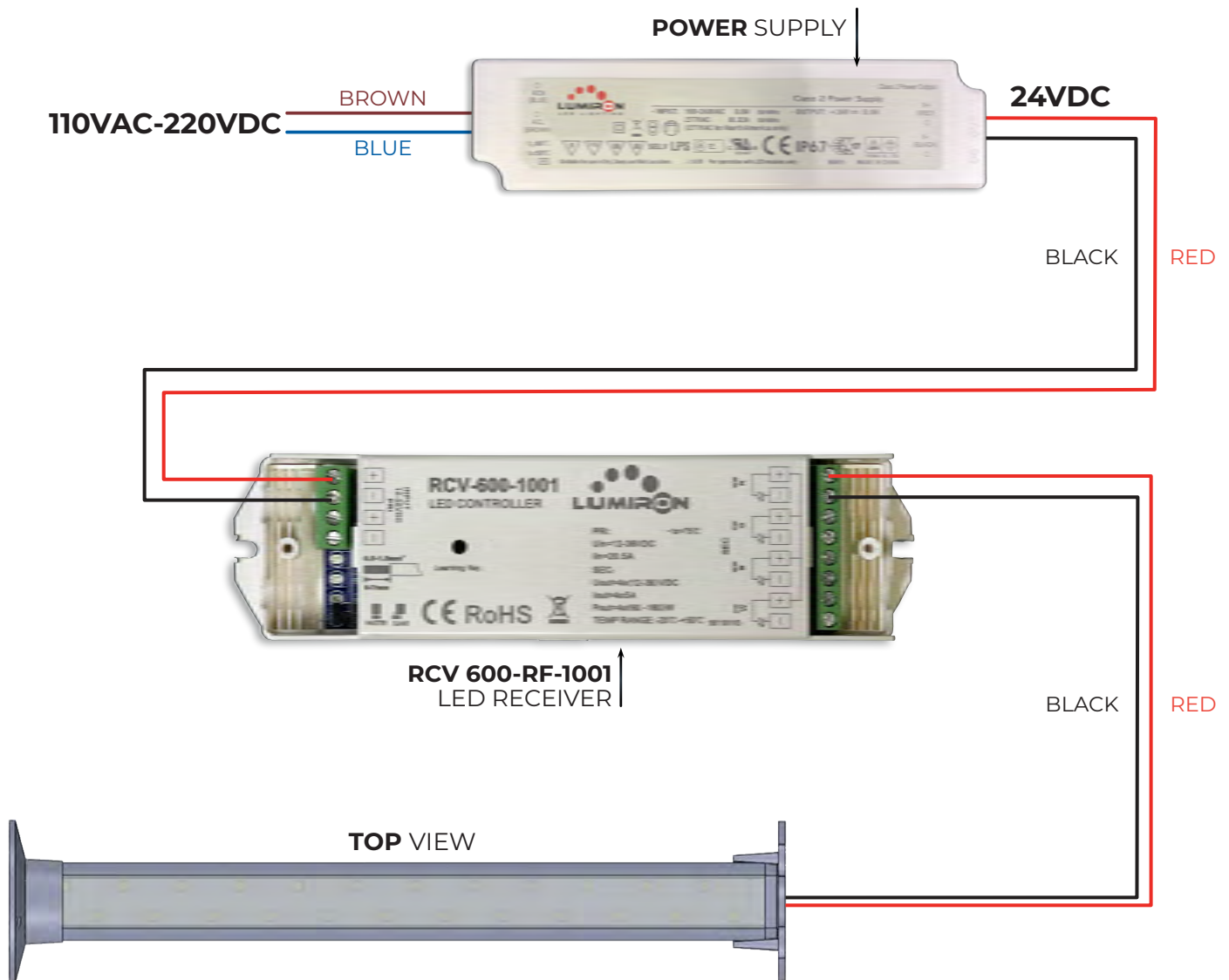
POWER SUPPLY

BROWN
110VAC-220VDC
BLUE

24VDC

BLACK   **RED**

RCV-600-1001
LED CONTROLLER
LUMIRON

CE RoHS

RCV 600-RF-1001
LED RECEIVER

BLACK   **RED**

TOP VIEW

WIRELESS SWITCH
WALL MOUNT

⚠️ **REMEMBER!**

Connect the wired end of **LUMIROD 110C** to **SIDE A** of both **ENDING CAP** and **BRACKET**, as shown on picture bellow.
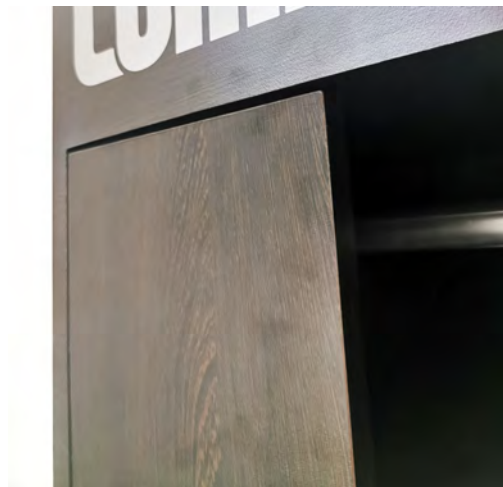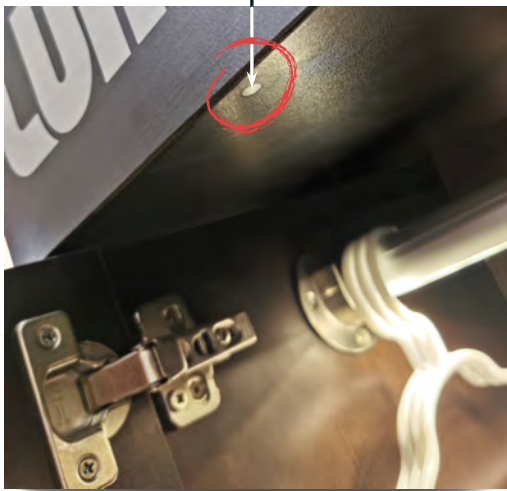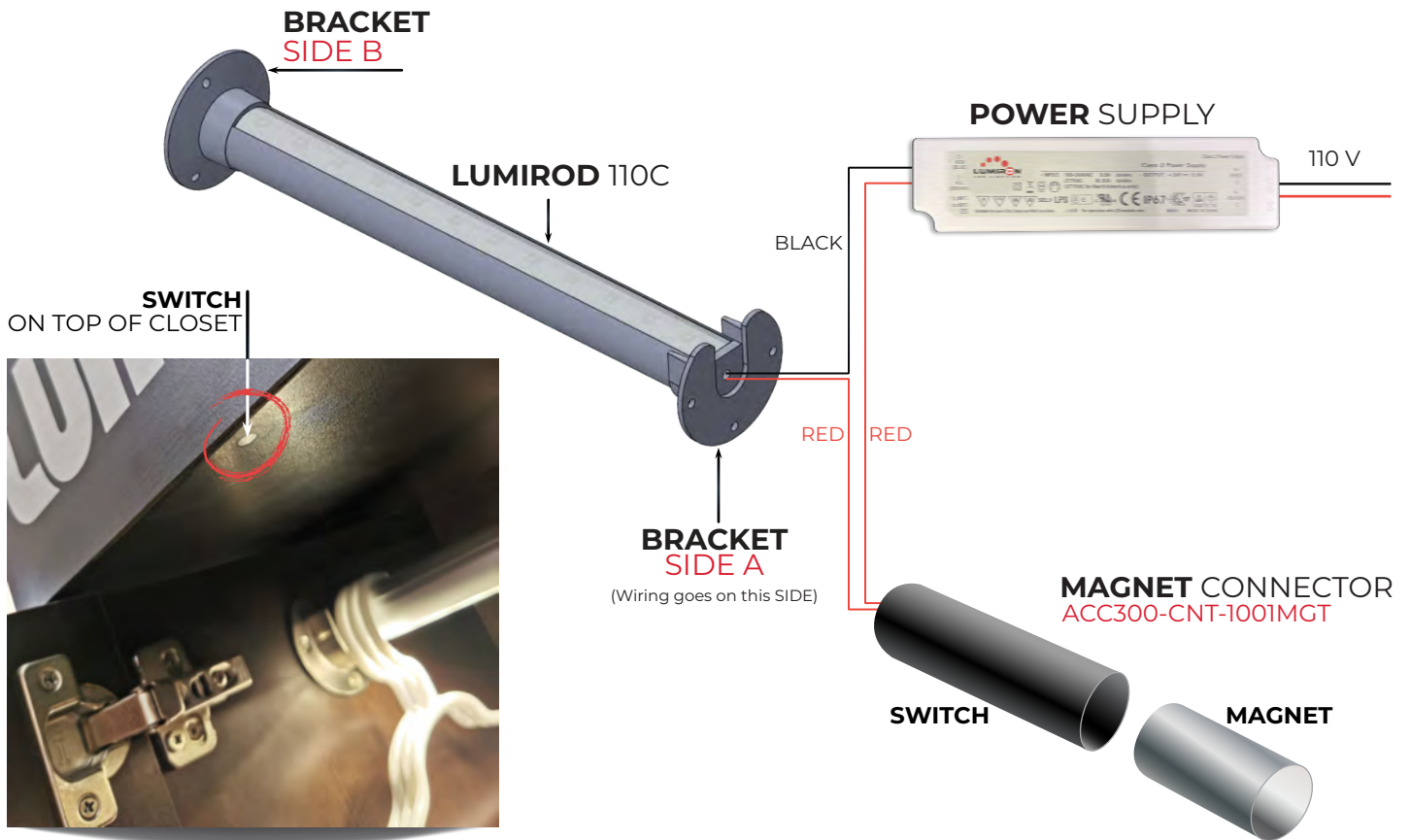
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MAGNET CONNECTOR ASSEMBLY

FOLLOW THE
CORRECT WIRING

The **MAGNET** CONNECTOR allows to turn **ON/OFF** the **LUMIRON 110C** on contact with a door on any closet setup or design

SCAN QR CODE TO GO DIRECTLY TO THIS ACCESSORY ONLINE PAGE

BRACKET
SIDE B

LUMIROD 110C

POWER SUPPLY

110 V

BLACK

SWITCH
ON TOP OF CLOSET

BRACKET
SIDE A

(Wiring goes on this SIDE)

RED   RED

MAGNET CONNECTOR
ACC300-CNT-1001MGT

SWITCH

MAGNET

LUMIROD 110C
WILL TURN ON WHEN DOOR OPENS

MAGNET
ON TOP OF CLOSET DOOR

LUMIROD 110C
WILL TURN OFF WHEN DOOR CLOSES

MOTION SENSOR TRX ASSEMBLY

SCAN QR CODE TO GO
DIRECTLY TO THIS ACCESSORY
ONLINE PAGE

BRACKET
SIDE B

LUMIROD 110C

BRACKET SIDE A
(Wiring goes on this SIDE)

✎ **FOLLOW THE**
CORRECT WIRING

The **MOTION SENSOR TRX** allows to turn **ON/OFF** the **LUMIRON 110C** on detection of any motion at any closet setup or design

POWER SUPPLY

110 V

MOTION SENSOR TRX
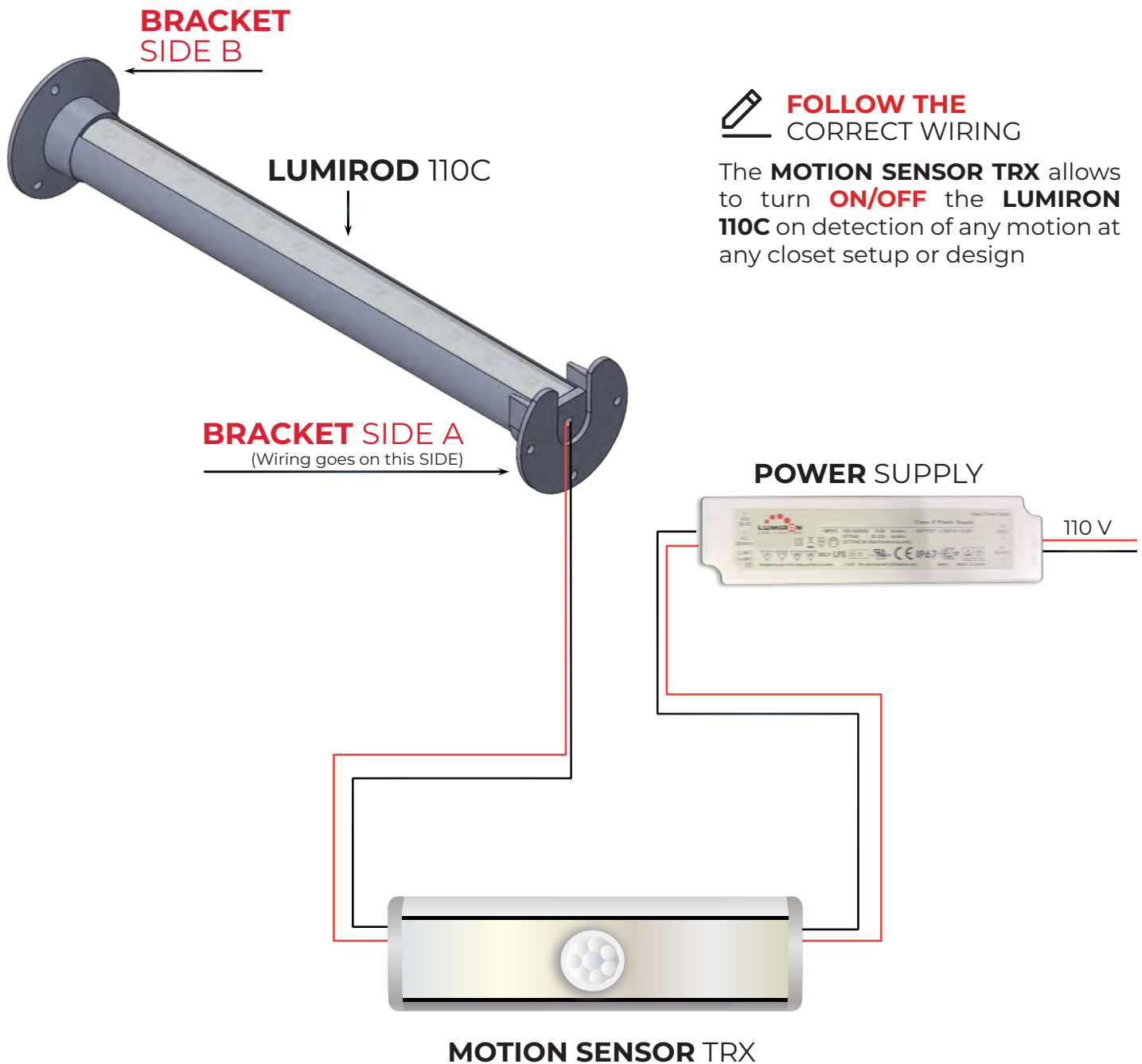
COMPLETE INSTALLATION SAMPLES

Final result will vary depending on number of RODS used and specific project. Pictures shown here are just examples of final results.

LUMIRON™ will deliver custom made
**LUMIROD 110C LED RODS** for each specific project.

-    UPDATED COPY AUGUST 2023   PAGE 22

FINAL RESULT VIEW

LUMIROD 110C
FOR A LUXURY FINISH

Created by **LUMIRON™**, The **New LUMIROD 110C,** gives that special finish to any closet setup, with a practical light from the ROD it self, that can be customized to any need.

WE LISTEN
TO THE NEEDS
OF OUR CONSUMERS

Our goal is to achieve excellent performance, energy savings and yet offer the most advanced technology and the highest level of lighting quality control and design
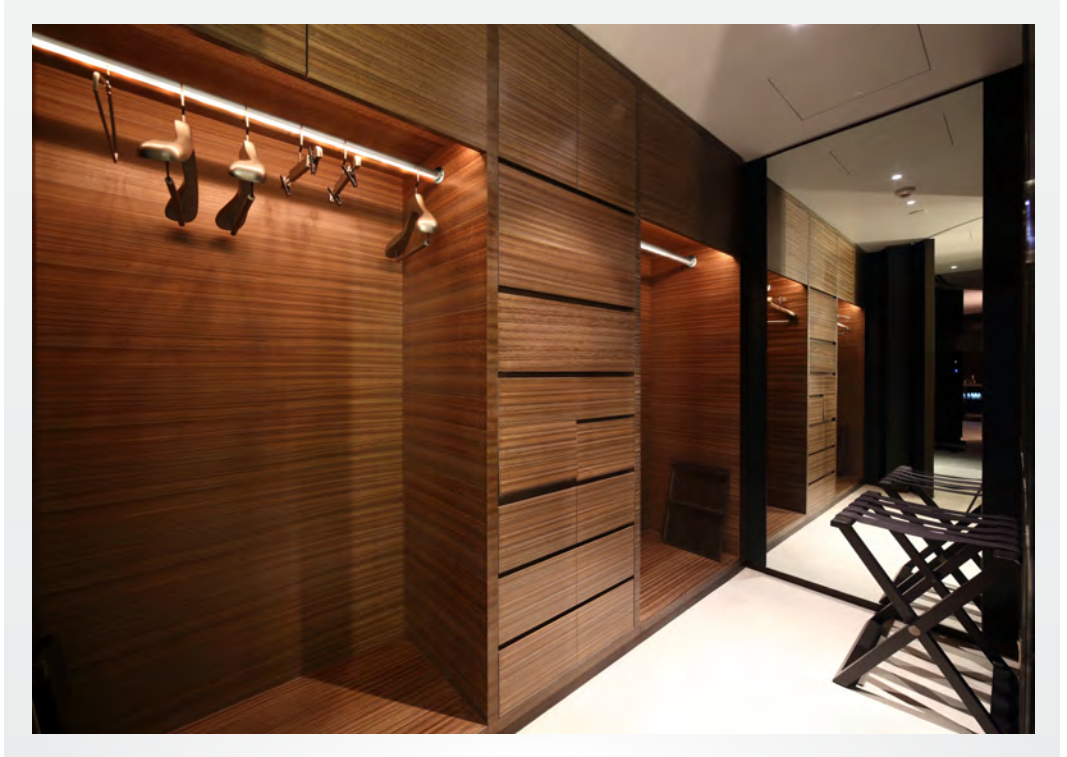
IMAGINE
THE POSSIBILITIES

TALK TO US

INFINITE OPTIONS ARE POSSIBLE WITH THE
NEW LUMIROD 110C
ASK US ABOUT HOW TO CREATE SOMETHING SPECIAL FOR YOUR PROJECT

LUMIRON
LED LIGHTING

LED PIONEER SINCE 2001

WE LISTEN
TO THE NEEDS
OF OUR CONSUMERS

CONTACT US
WE CAN ALSO SERVE YOU INTERNATIONALLY

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