

# A-Cylinder

## IP66 WALL

Project: Type: Qty:



Designed for architectural flexibility, the IP66 WALL Series offers round and square luminaires with upward, downward, or combined illumination. Available in multiple sizes and wattages, it adapts to a variety of outdoor applications, from façades to pathways and open landscapes.

Constructed from high-grade die-cast aluminum with a corrosion-resistant finish, the series ensures long-term durability under all weather conditions. Its minimalist geometry integrates seamlessly with modern architecture while providing controlled, glare-free light.

### Key Features

- IP66 rated for outdoor use
- Round and square forms
- Multiple sizes and wattages
- Upward, downward, or combined light options
- Glare-controlled optics
- High-grade die-cast aluminum with corrosion-resistant finish
- Ideal for walls, façades, pathways, and public spaces

### Order Code

ORDER CODE EXAMPLE: ACYL66W-SQ-130UD-35K-24D-CG-24V-ELV-WH

SERIES	FRONT COVER	SIZE / WATTAGE	CCT	BEAM ANGLE	OPTICAL ACCESSORIES
A-CYL-66W	RD Round Trimless	50 1.97"*4.72" 5W(408lm)	27K 2700K	12D 12degree	CG Clear Glass
	SQ Square Trimless	60 2.36"*5.51" 10W(1180lm)	30K 3000K	15D 15degree	FG Frosted Glass
		75 2.95"*6.69" 15W(1412lm)	35K 3500K	18D 18degree	HC Honeycomb
		100 3.94"*8.66" 20W(2121lm)	40K 4000K	22D 22degree Available only in 5.12"	DF Diffuser
		130 5.12"*9.84" 35W(2905lm)	TW Tunable White 2700K-6500K	24D 24degree	
		50UD 1.97"*6.30" 10W(2*408lm)	WD Warm Dim 3000K-1800K	36D 36degree Available only in 1.97"	
		60UD 2.36"*7.09" 18W(2*1037lm)	RGB N/A for 32R	38D 38degree	
		75UD 2.95"*9.45" 25W(2*1386lm)	RGBW ___specify W N/A for 32R	60D 60degree	
		100UD 3.94"*11.02" 38W(2*1919lm)			
	130UD 5.12"*12.20" 60W(2*2905lm)				

INPUT VOLTAGE	DIMMING	FINISH
12V 12V DC	NON Non Dim	DG Dark Gray
24V 24V DC	ELV Triac/ELV	WH Custom
120V 110V-277V	D10 1-10V	CSF White

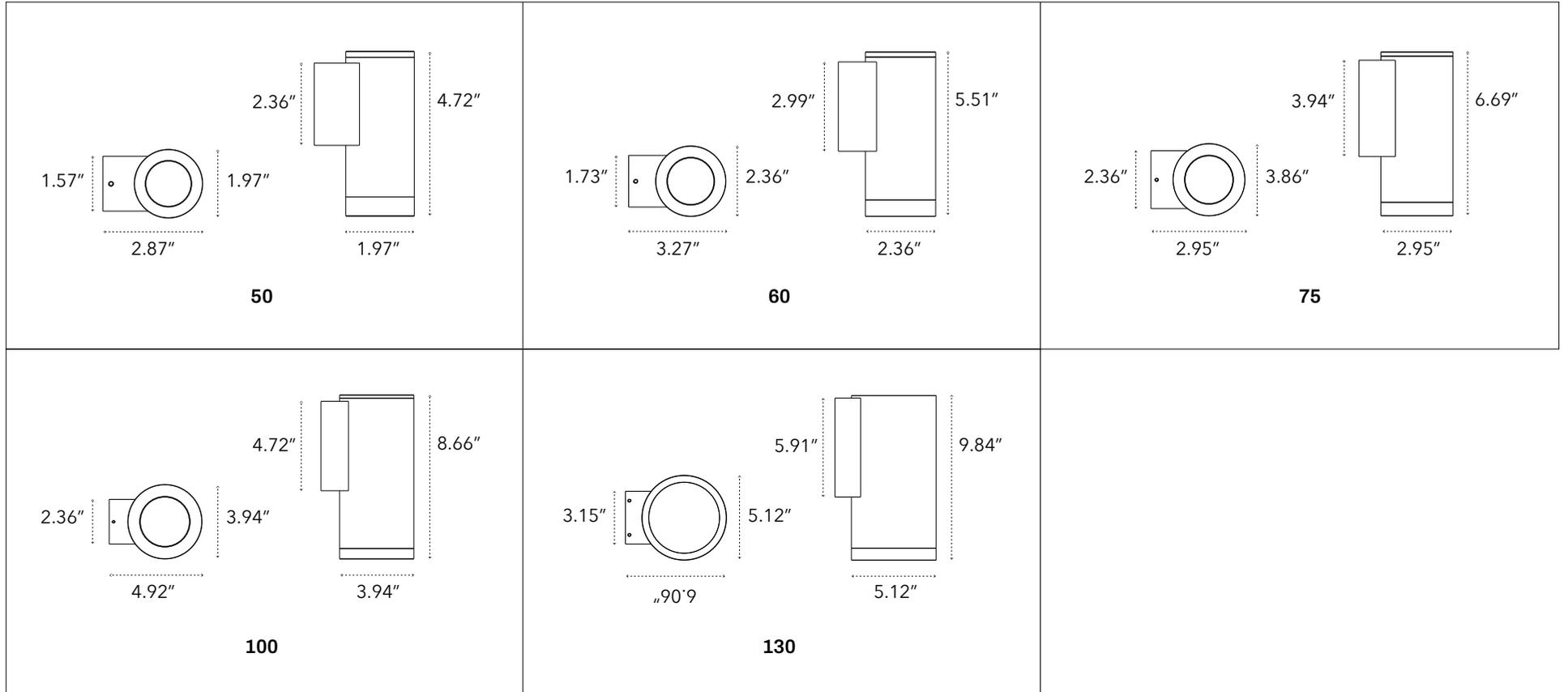
# A-Cylinder

## IP66 WALL

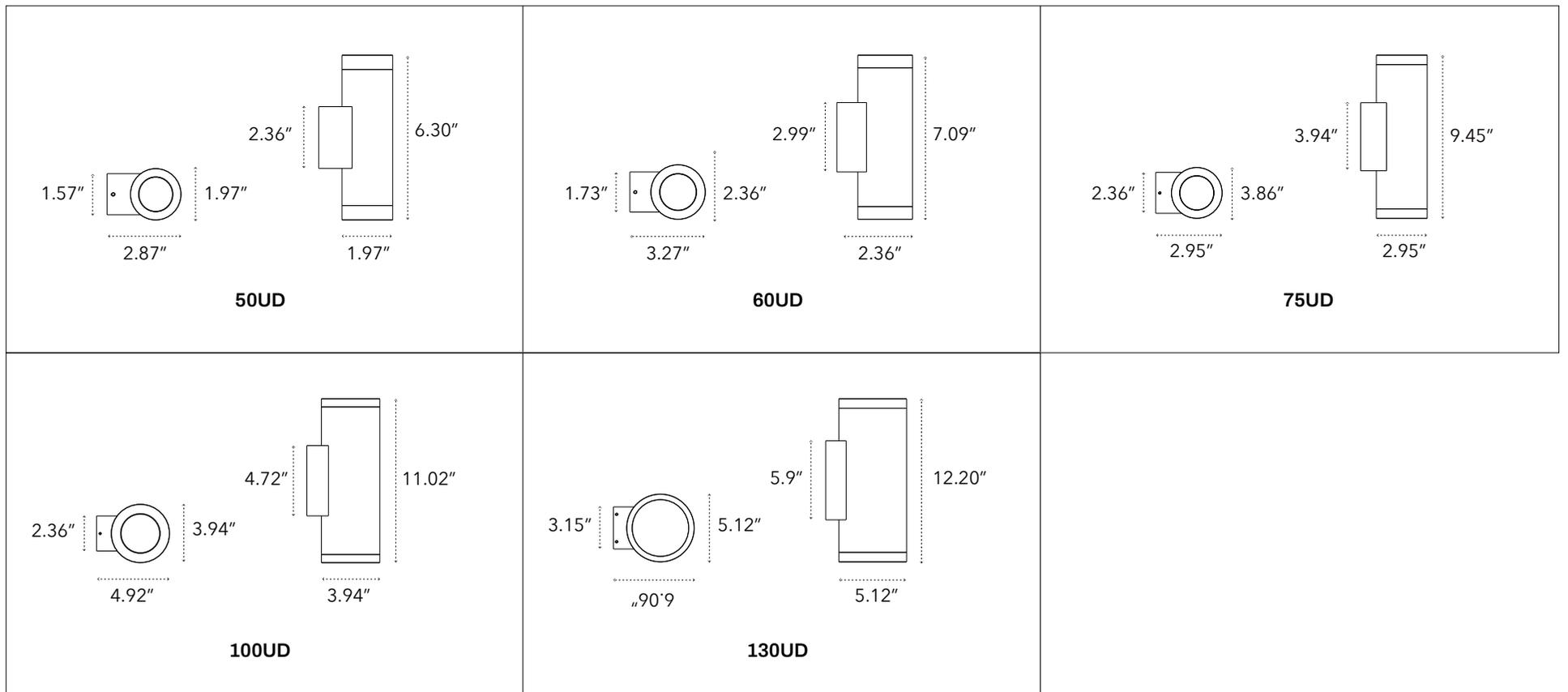
Project:	Type:	Qty:
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### DIMENSIONS

#### Round U/D (Up or Downlight)



#### Round UD (Up & Downlight)



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Project:	Type:	Qty:
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### DIMENSIONS

#### Square U/D (Up or Downlight)

<p><b>50</b></p>	<p><b>60</b></p>	<p><b>75</b></p>	<p><b>100</b></p>
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#### Square UD (Up & Downlight)

<p><b>50UD</b></p>	<p><b>60UD</b></p>	<p><b>75UD</b></p>	<p><b>100UD</b></p>
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\*Mounts to standard 4" junction box (round or square) using supplied adapter plate. Please confirm junction box type with Bina before ordering

Project:

Type:

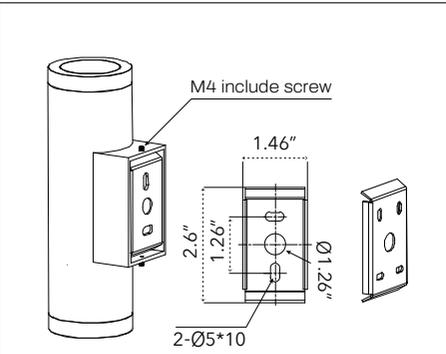
Qty:

### INSTALLATION INSTRUCTIONS

#### DIRECT MOUNT —12/24V DC LOW VOLTAGE DIRECT MOUNT CONFIGURATION (NO JBOX).

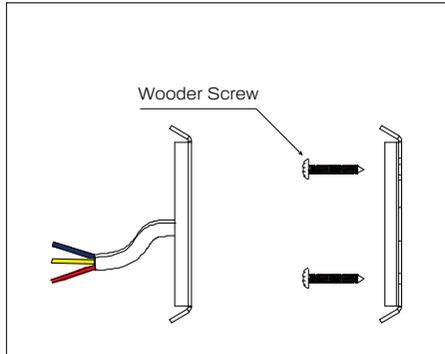
USE WITH REMOTE CLASS 2 POWER SUPPLY.

**STEP 1 ▶**



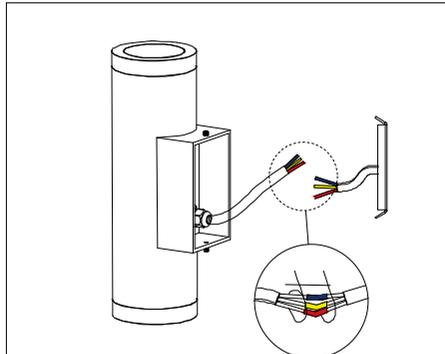
Loosen the M4 screws and remove the lamp support.  
Drill four mounting holes and one wiring hole in the wall, aligning them precisely with the holes on the support. Insert a rubber plug or wooden block firmly into each hole.

**STEP 2 ▶**



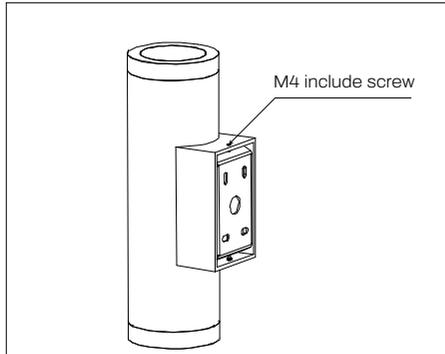
Pull out the power cord from the wall, guide it through the wiring hole, and secure the support to the wall using wood screws.

**STEP 3 ▶**



Connect the power cord to the lamp's power cable, then wrap the connection securely with waterproof tape. Ensure proper waterproof protection is applied.

**STEP 4 ▶**



Position the long cable neatly in place, then place the lamp into the support and secure it with the M4 MI screws.

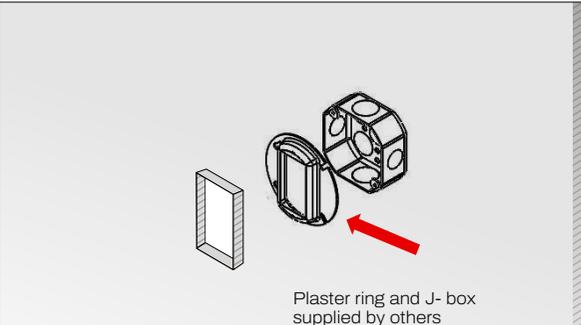
#### WITH JUNCTION BOX (RECOMMENDED)

FOR INSTALLATIONS USING A JUNCTION BOX, THE RACO J-BOX COVER (768AMR) IS RECOMMENDED TO BE PLACED OVER THE JUNCTION BOX PRIOR TO DRYWALL INSTALLATION.

USE WITH 1-GANG ADJUSTABLE MUD RING FOR 4" SQUARE BOXES.

RACO COMPONENTS ARE NOT SUPPLIED AND SHOULD BE PURCHASED SEPARATELY FROM LOCAL DISTRIBUTORS.

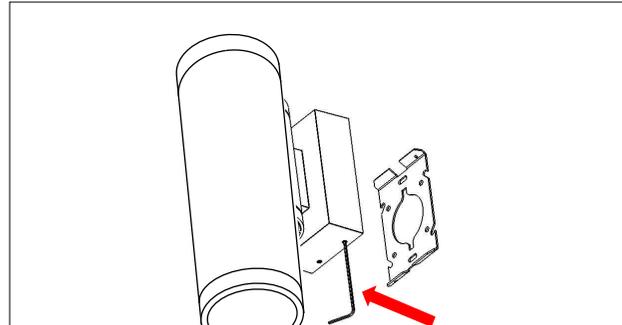
**STEP 1 ▶**



Plaster ring and J- box supplied by others

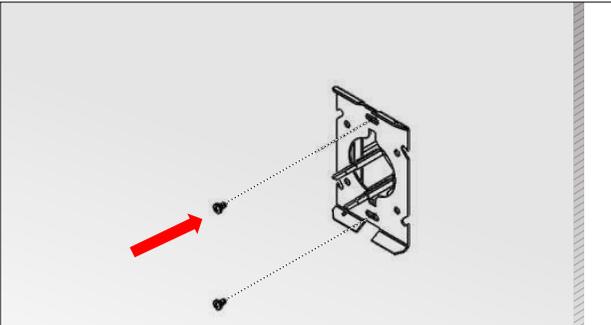
A 4" octagonal or 4" rectangular junction box with plaster ring shall be installed before the wall substrate. The plaster ring must be flush with the wall surface, and its type should be chosen based on the wall thickness.

**STEP 2 ▶**



Using a 5/64" Allen wrench, loosen the two set screws to remove the mounting plate from the cylinder assembly.

**STEP 3 ▶**



Secure the mounting plate to the wall using two 6-32 screws, verifying proper alignment with a level. Route the branch circuit supply and low-voltage dimming wires through the mounting plate. Ensure all wiring complies with applicable electrical codes and is rated for a minimum of 90°C, 300V.

#### RACO ADJUSTABLE MUD RINGS

CATALOG#	DESCRIPTION	STD. PKG.	BAR CODE
Adjustable	Mud Rings		
768AMR	1-gang Adjustable Mud Ring for 4" sq. boxes	25	



768AMR

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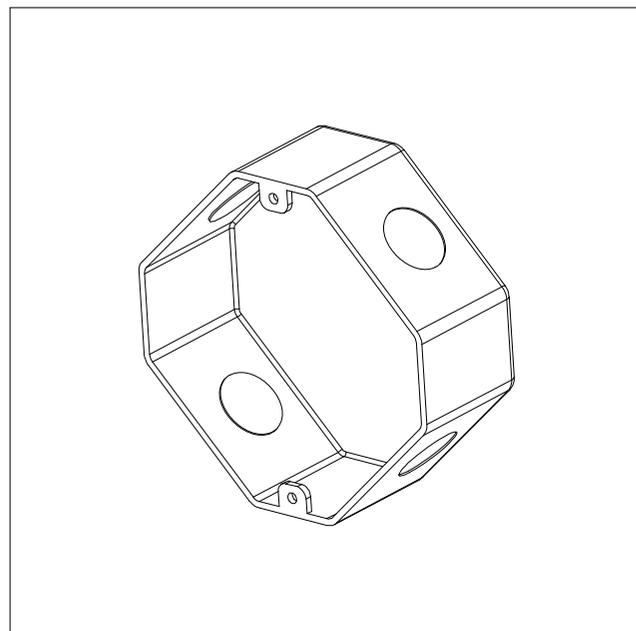
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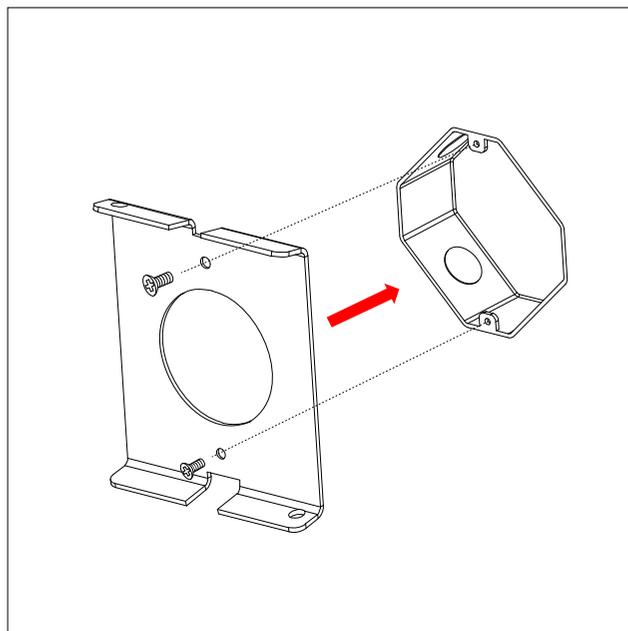
### CUSTOM LARGE CYLINDER BASE FOR 4" J-BOX

A CUSTOM-DESIGNED CYLINDER BASE IS AVAILABLE TO FIT STANDARD 4" JUNCTION BOXES, PROVIDING A CLEAN, SEAMLESS APPEARANCE. CUSTOM 4" J-BOX FIXTURE BASE TO BE SPECIFIED UPON ORDER. CONTACT FACTORY FOR DETAILS.

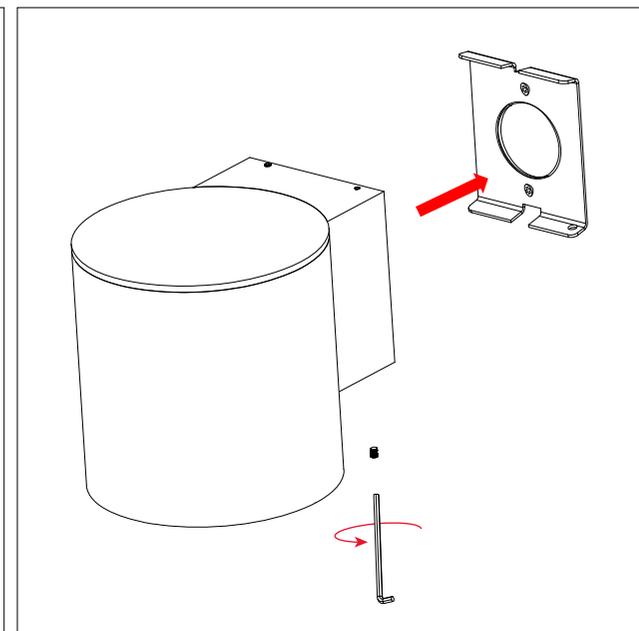
STEP 1 ▶



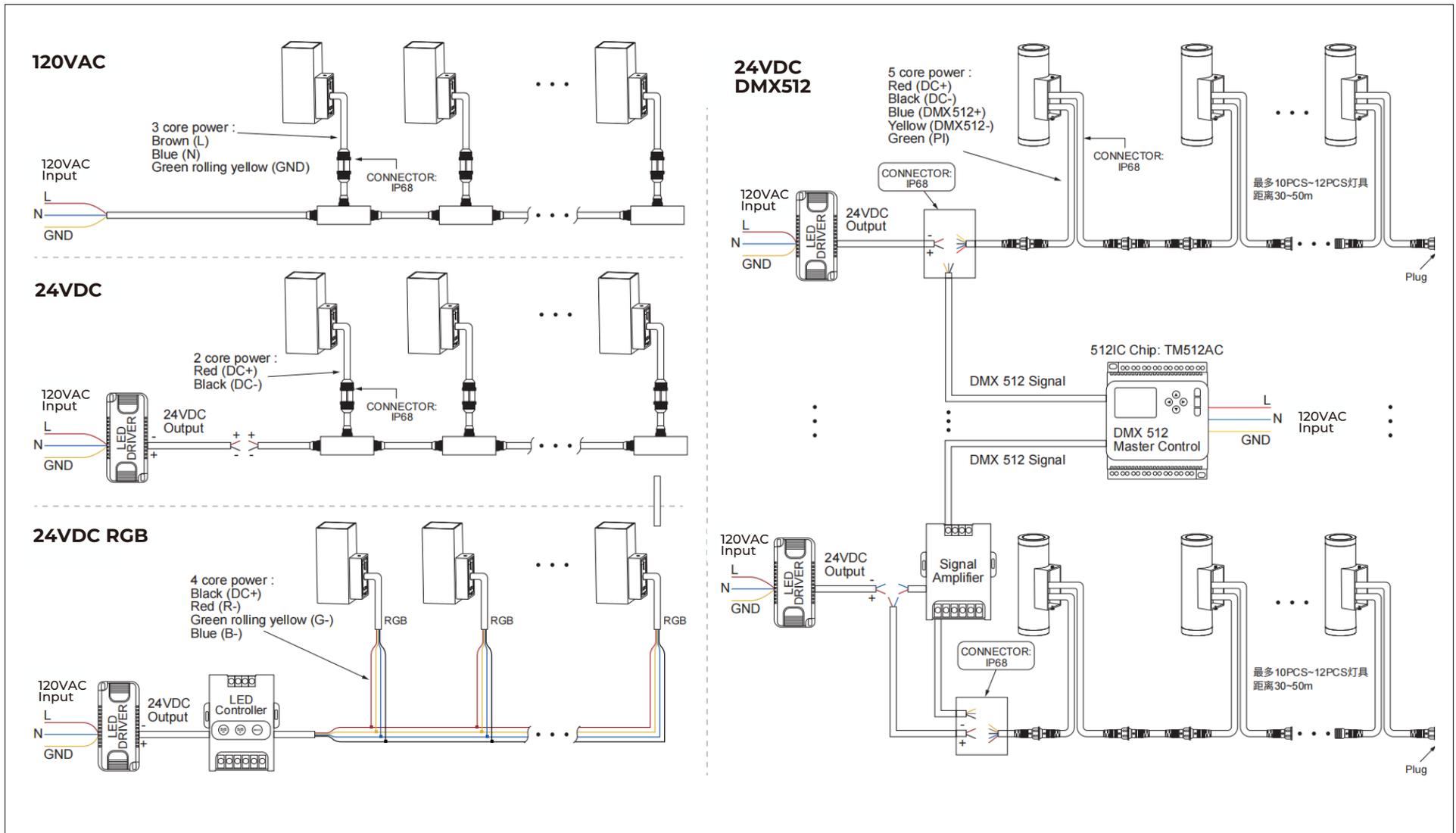
STEP 2 ▶



STEP 3 ▶



### CONNECTION DIAGRAM



### SAFETY INSTRUCTIONS BEFORE INSTALLATION

- Installation must be carried out by a qualified technician or authorized professional.
- Always disconnect power before installation to prevent the risk of electric shock.
- Ensure adequate ventilation space around the LED heat sink to allow proper cooling.
- Only connect LED luminaires using the recommended drivers.
- The actual product may vary slightly from the illustrations shown.
- Do not attempt to disassemble the product.
- Any damage caused by modifications or improper installation will void the warranty.

