# A-Cylinder

## IP66 WALL

BINA COMPANY

| 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 12 degree | CG Clear Glass |
| | SQ Square Trimless | 60 2.36″*5.51″ 10W (1180lm) | 30K 3000K | 15D 15 degree | FG Frosted Glass |
| | | 75 2.95″*6.69″ 15W (1412lm) | 35K 3500K | 18D 18 degree | HC Honeycomb |
| | | 100 3.94″*8.66″ 20W (2121lm) | 40K 4000K | 22D 22 degree Available only in 5.12" | DF Diffuser |
| | | 130 5.12″*9.84″ 35W (2905lm) | TW Tunable White 2700K-6500K | 24D 24 degree | |
| | | 50UD 1.97″*6.30″ 10W (2*408lm) | WD Warm Dim 3000K-1800K | 36D 36 degree Available only in 1.97" | |
| | | 60UD 2.36″*7.09″ 18W (2*1037lm) | RGB N/A for 32R | 38D 38 degree | |
| | | 75UD 2.95″*9.45″ 25W (2*1386lm) | RGBW ___specify W N/A for 32R | 60D 60 degree | |
| | | 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 | BK Black |
| 120V 110V-277V | D10 0-10V | WH White |
| | | CSF Custom |

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5 YEAR WARRANTY

Intertek

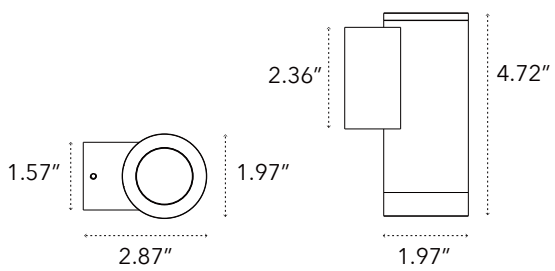
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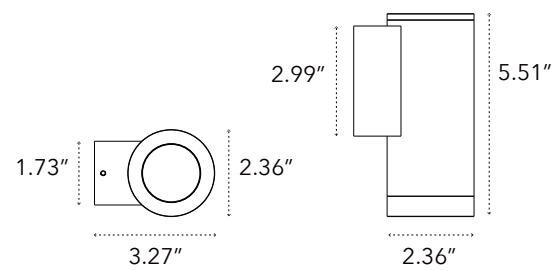
| Project: | Type: | Qty: |
|---|---|---|

## DIMENSIONS

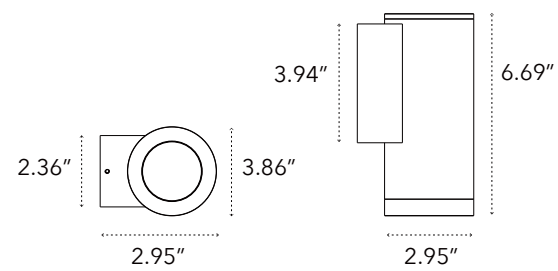
### Round U/D (Up or Downlight)



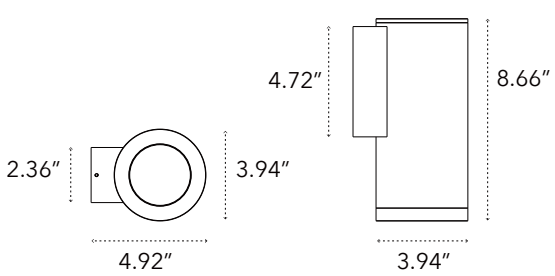

**50**



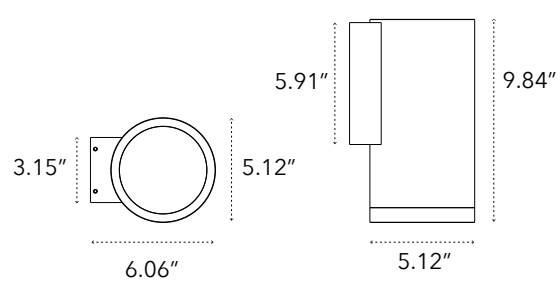

**60**




**75**

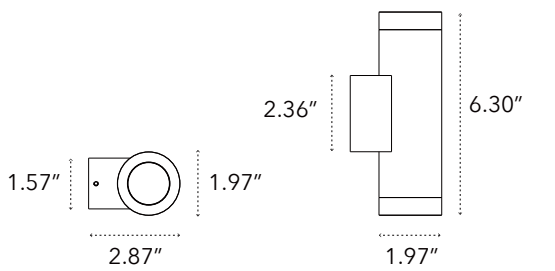



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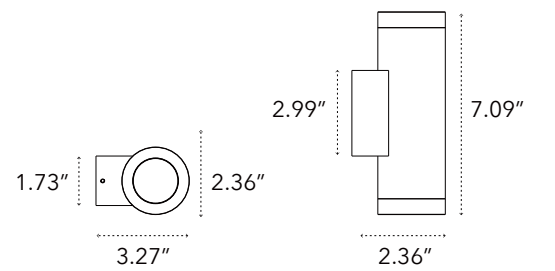



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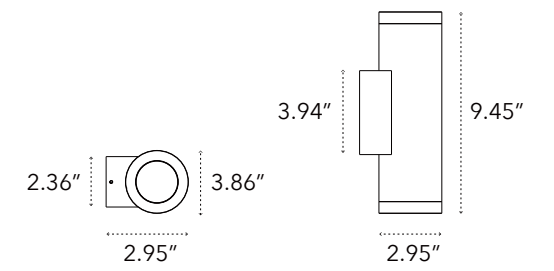
### Round UD (Up & Downlight)



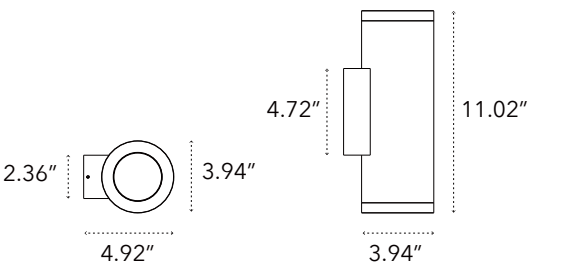

**50UD**



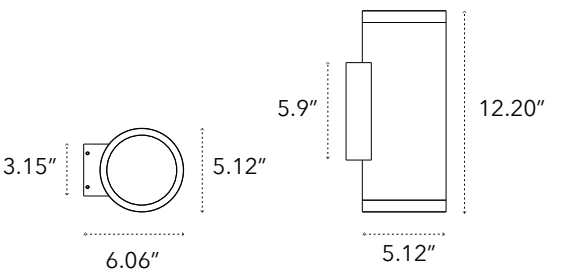

**60UD**




**75UD**




**100UD**




**130UD**

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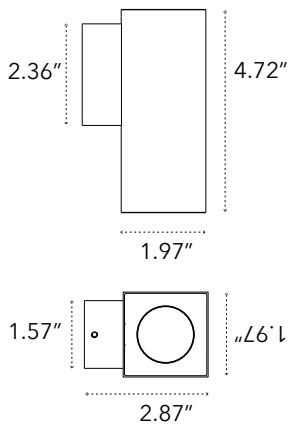
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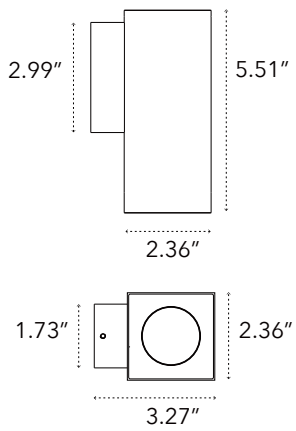
| Project: | Type: | Qty: |
|---|---|---|

## DIMENSIONS

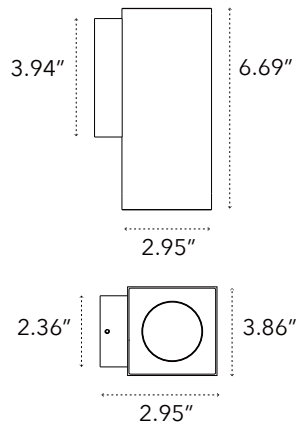
### Square U/D (Up or Downlight)



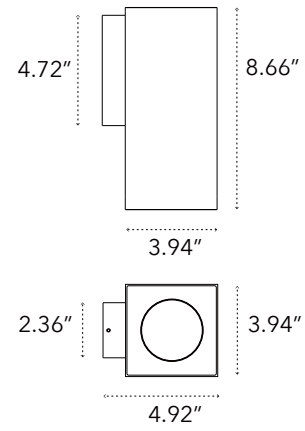

**50**




**60**

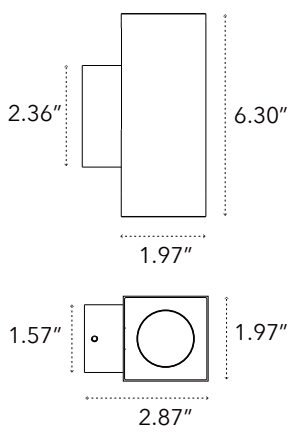



**75**

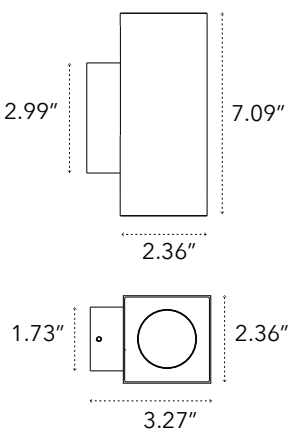



**100**

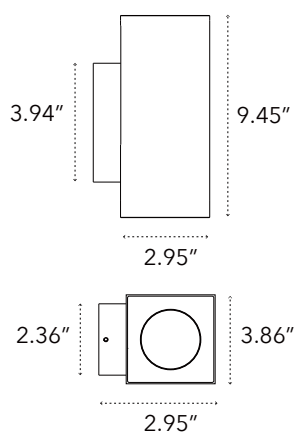
### Square UD (Up & Downlight)



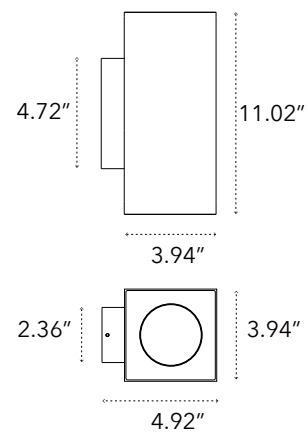

**50UD**




**60UD**




**75UD**




**100UD**

*Mounts to standard 4″ junction box (round or square) using supplied adapter plate. Please confirm junction box type with Bina before ordering

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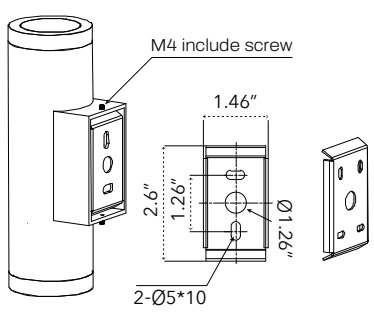
| Project: | Type: | Qty: |
|---|---|---|

## INSTALLATION INSTRUCTIONS

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

USE WITH REMOTE CLASS 2 POWER SUPPLY.

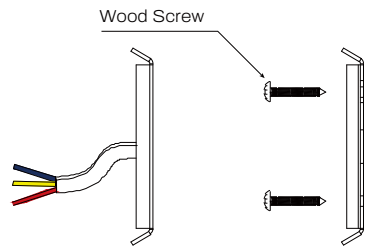
**STEP 1 ▶**




Loosen the M4 screws and remove the lamp support.

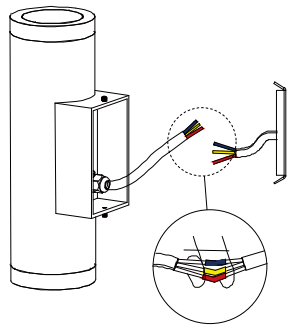
Drill four mounting holes and one wiring hole in the wall, aligning them precisely with the holes on the support. Insert a rubber plug or wooden block firmly into each hole.

**STEP 2 ▶**



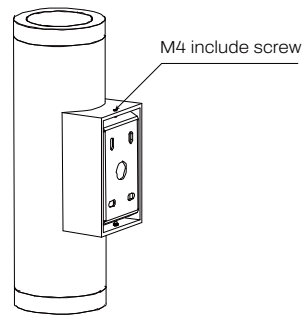

Pull out the power cord from the wall, guide it through the wiring hole, and secure the support to the wall using wood screws.

**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.

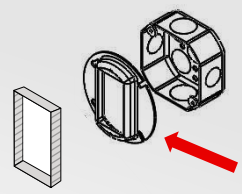
### WITH JUNCTION BOX (RECOMMENDED)

**FOR INSTALLATIONS USING A JUNCTION BOX, PLACE A COMPATIBLE JUNCTION BOX COVER OVER THE BOX BEFORE DRYWALL INSTALLATION.**

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

**JUNCTION BOX COMPONENTS ARE NOT SUPPLIED AND SHOULD BE PURCHASED SEPARATELY FROM** LOCAL DISTRIBUTORS.

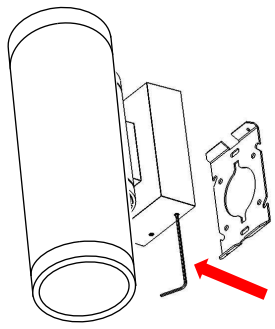
**STEP 1 ▶**



Plaster ring and J - box supplied by others

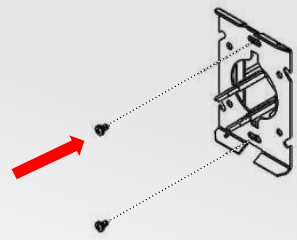
A 4″ octagonal or 4″ rectangular junction box with plaster ring shall be installed before the wall substrate. The plaster ring must be flush with the wall surface, and its type should be chosen based on the wall thickness.

**STEP 2 ▶**



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

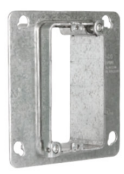
**STEP 3 ▶**



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.

**COMPATIBLE ADJUSTABLE MUD RINGS**

| TYPE | DESCRIPTION | STD. PKG. | BOX SIZE |
|---|---|---|---|
| **Adjustable** | **Mud Rings** | | |
| 1-gang | 1-gang Adjustable Mud Ring for 4″ sq. boxes | 25 | 4" square |



Mud ring

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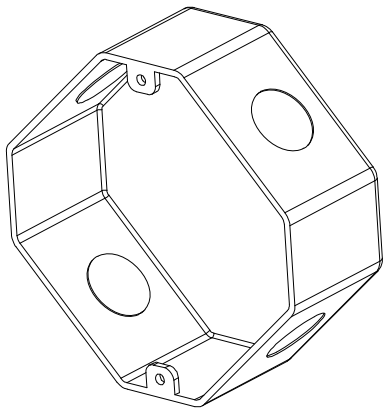
## IP66 WALL

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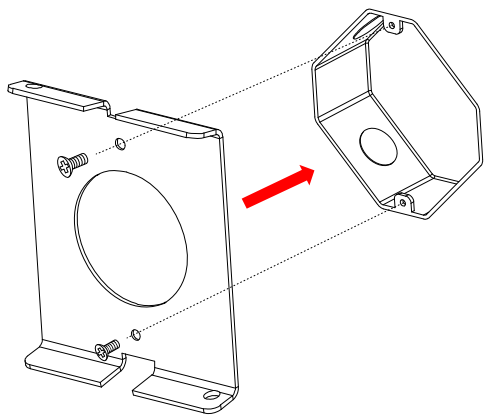
### CUSTOM LARGE CYLINDER BASE FOR 4" J-BOX

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.

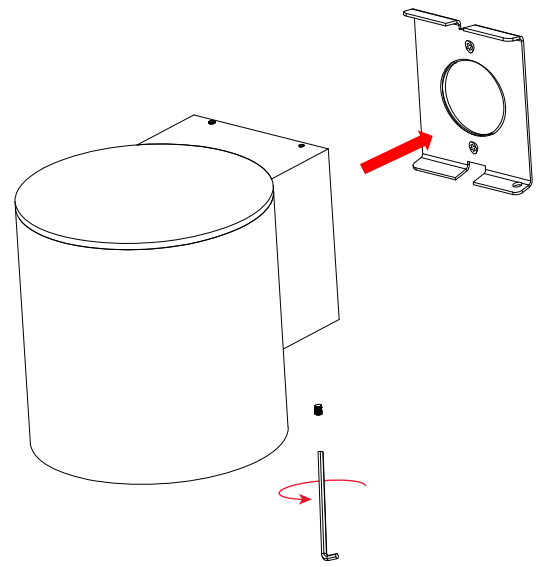
STEP 1 ▶



STEP2 ▶



STEP3 ▶



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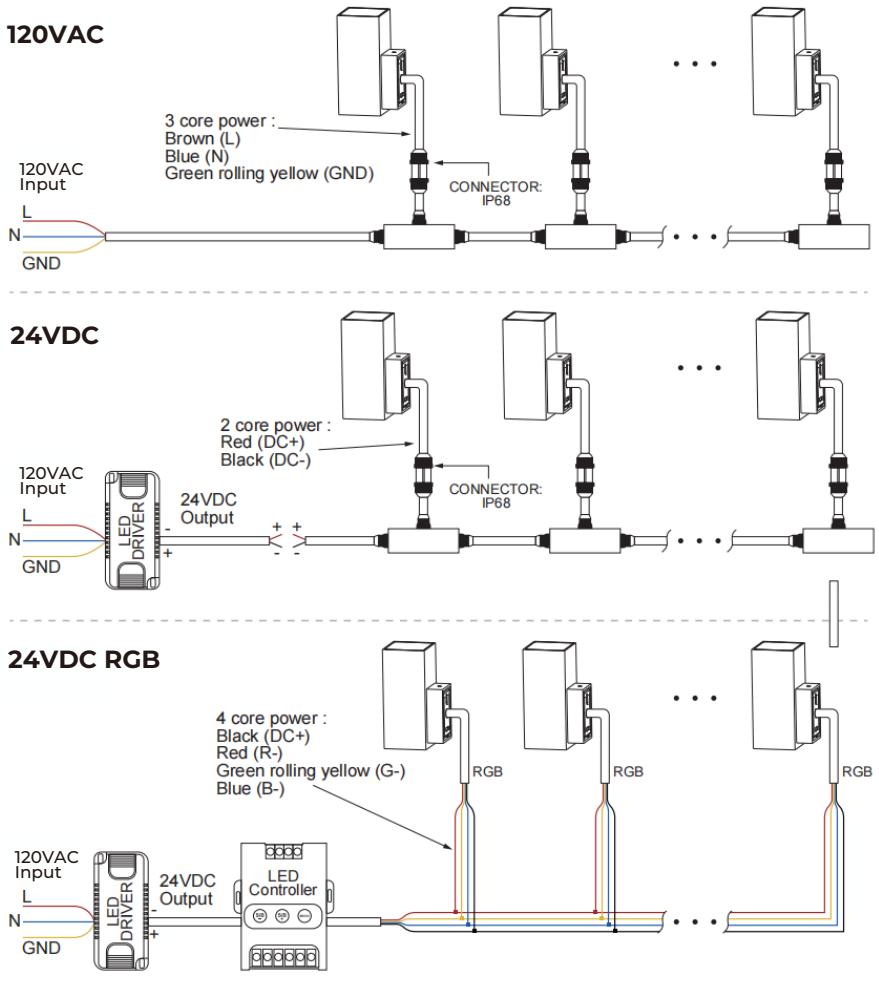
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## IP66 WALL

| Project: | Type: | Qty: |
|---|---|---|

## 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.




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