



24V Wall Washer Strip



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DISCLAIMER

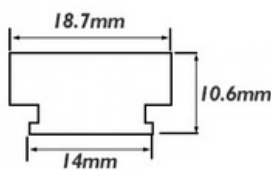
Dear Customer,
These instructions provide suggested installation procedures only. They do not constitute professional installation and may not meet all electrical requirements in your state or the National Electrical Code® (NEC). The NEC requires that low-voltage power supplies and electrical wiring comply with Class 2 standards.
Lumens Depot assumes no liability for incidental or consequential damages, including but not limited to installation costs, personal injury, or property damage. Improper installation or modification of this product may pose a shock or fire hazard.
For your safety and compliance, adhere to these guidelines and consult a professional if unsure.

WARRANTY

Lumens Depot 24V Wall Washer Strip Light Series are covered by a 3-year warranty against defects in materials and workmanship, effective from the date of original purchase. At Lumens Depot we take pride in the quality and durability of our products, offering you confidence and peace of mind for years to come.

SPECIFICATIONS

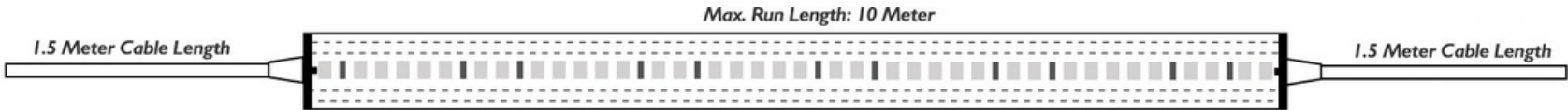
LIGHT PROFILE



SINGLE FEED



DOUBLE FEED



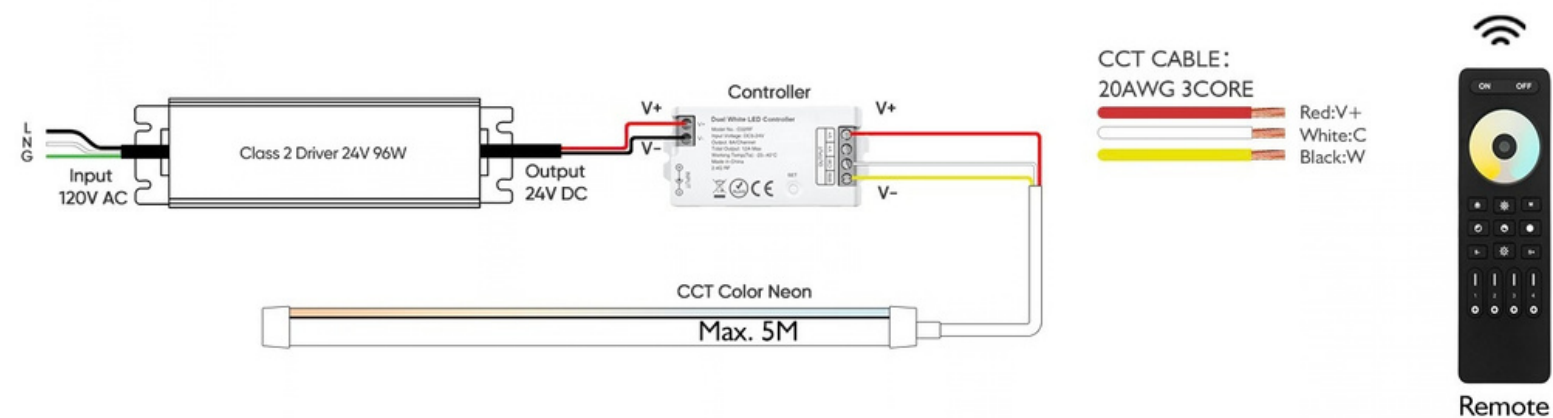
SPECIFICATIONS

Input Voltage	IP Rating	Beam Angle	Operating Ambient Temprature	Color Rendering Index	LED Type	Certification
24V	IP67	45°	-20~45°C	80Ra	SMD 2835	UL Listed

ELECTRICAL PARAMETERS

Color	Power	LM/M	LM/ft	LED Quantity/M	Cutting Unit
2700K	14.4W/M	1665	508	140LED	50mm
3000K	14.4W/M	1760	537	140LED	50mm
4000K	14.4W/M	1850	564	140LED	50mm
5000K	14.4W/M	1850	564	140LED	50mm
6000K	14.4W/M	1850	564	140LED	50mm
CCT	20W/M	1800	549	192LED	62.5mm
RGB	14.4W/M	432	132	120LED	50mm

CCT WIRING DIAGRAM



1.Disconnect Power

Disconnect power at the source before attempting installation or servicing of the product.

2.Choose LED Driver

Use this fixture only with a 24V DC power supply. For wall washer lights up to 5 meters in length, we recommend 24V 96W IP67 Class 2 LED driver (**Model KV-24096-ASW**).

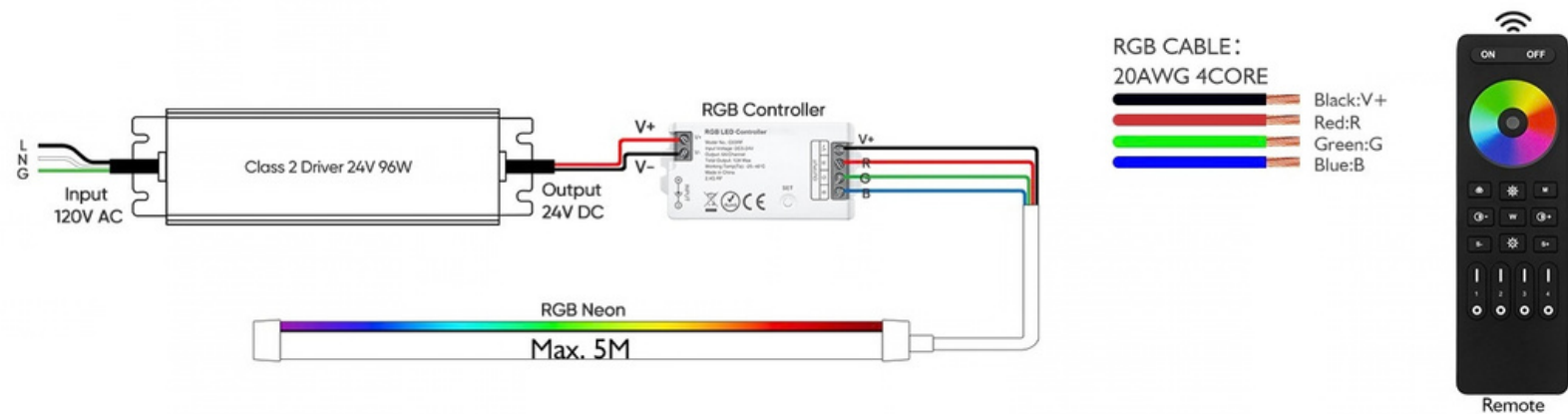
3.Choose CCT Controller and Waterproof Box

CCT controller pack is optional. When using a CCT controller, first connect appropriate 24V DC driver to the CCT controller according to the driver's instructions. We recommend the dimmer (**Model C02RF**) and Remote (**Model RC02RFB**) for this CCT color wall washer light. IP67 Waterproof Box (**Model M2068(XL)-2T**) is also available for the controller part.

4.Connect CCT Wall Washer Light with CCT Controller

The CCT strip is equipped with an AWM 20AWG 3-core power cable (outer diameter: 6mm). The red wire is the positive conductor, while the white and yellow wires, correspond to the CW and WW channels, respectively.

RGB WIRING DIAGRAM



1.Disconnect Power

Disconnect power at the source before attempting installation or servicing of the product.

2.Choose LED Driver

Use this fixture only with a 24V DC power supply. For wall washer lights up to 5 meters in length, we recommend 24V 96W IP67 Class 2 LED driver (**Model KV-24096-ASW**).

3.Choose RGB Controller and Waterproof Box

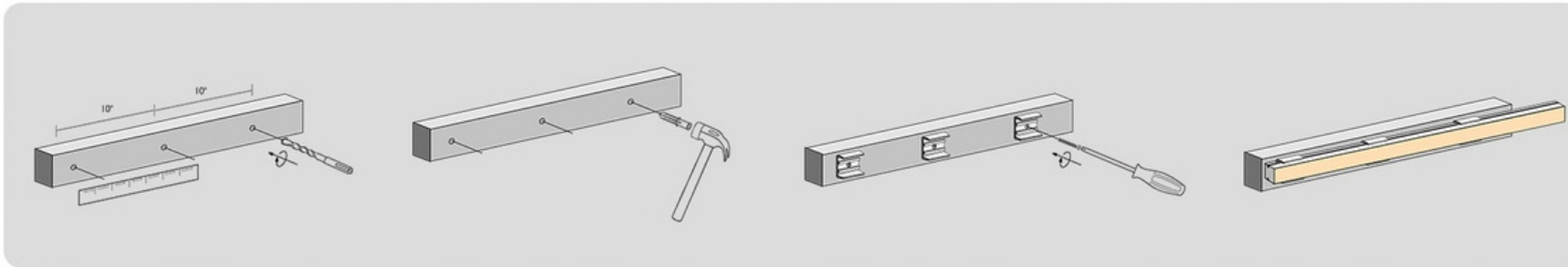
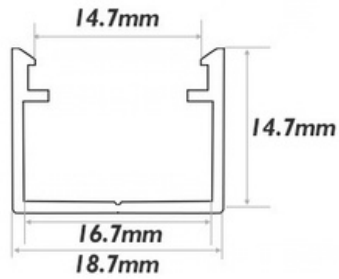
RGB controller pack is optional. When using a RGB controller, first connect appropriate 24V DC driver to the dimmer according to the driver's instructions. We recommend the dimmer (**Model C03RF**) and Remote (**Model RC03RFB**) for this RGB color wall washer light. IP67 Waterproof Box (**Model M2068(XL)-2T**) is also available for the controller part.

4.Connect Strip Light with RGB Controller

The RGB strip is equipped with an AWM 20AWG 4-core power cable (outer diameter: 6mm). The black wire serves as the positive conductor, while the red, green, and blue wires correspond to the red, green, and blue channels, respectively.

MOUNTING INSTRUCTION

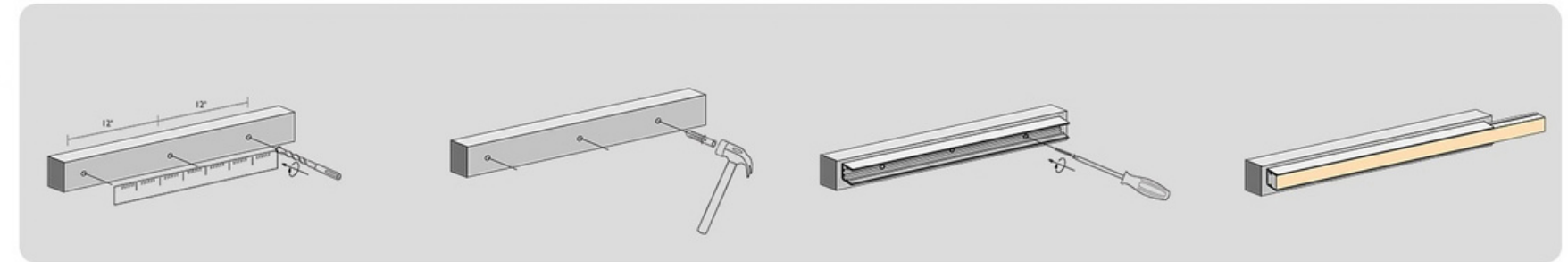
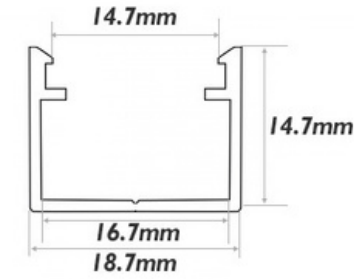
Fixed by Mounting Brackets (included)



1. To install using mounting brackets, start by determining the best location for the drivers, controllers, and junction boxes.
2. Using the ruler, measure and mark placement spots for mounting brackets about 10" apart.
3. Using the drill, drill holes into the mounting surface at the previously marked placement spots.
4. With the hammer, carefully maneuver mounting anchors into the newly drilled holes.
5. Using the included screws, securely attach the mounting brackets to the mounting surface at each anchor.
6. Once the brackets have been securely attached to the mounting surface, clip and fasten the Wall Washer Strip into the mounting brackets.

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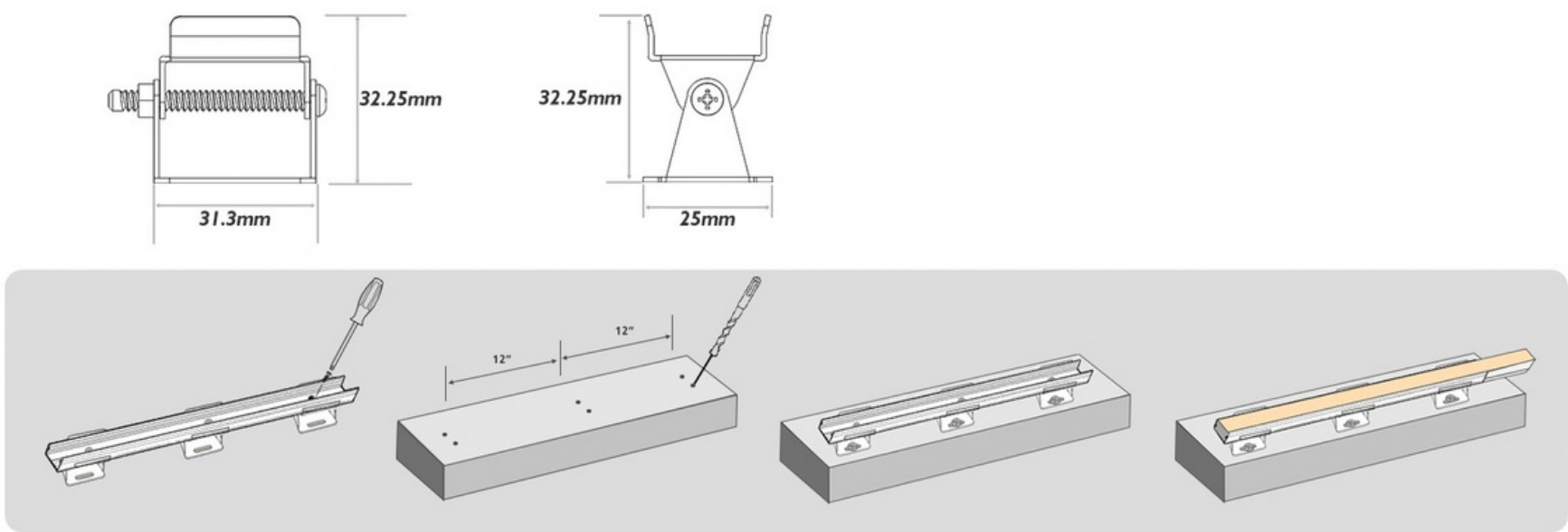
Fixed by Mounting Channel (not included)



1. To install using mounting channel, start by determining the best location for the drivers, controllers, and junction boxes.
2. Using the ruler, measure and mark placement spots for mounting channel.
3. Using the drill, drill holes into the mounting surface at the previously marked placement spots.
4. With the hammer, carefully maneuver mounting anchors into the newly drilled holes.
5. Using the drill again, drill holes directly through the extrusion along the underside of the mounting channel that line up with original holes already drilled into the mounting surface.
6. Using the included screws, securely attach the mounting channel to the mounting surface at each anchor by drilling directly through the mounting channel.
7. Once the channel has been securely attached to the mounting surface, press the Wall Washer Strip into the mounting channel and fasten it into place.

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Fixed by Mounting Channel and Adjustable Brackets (not included)



- 1. Loosen the short screws on two adjustable brackets. Insert the channel (with 3 pre-drilled holes) into the brackets, ensuring it is seated properly. Then, tighten the screws through the holes to secure the channel in place.
- 2. Drill holes into the mounting surface at the previously marked placement spots.
- 3. Secure the adjustable brackets with long screws, ensuring they are aligned correctly for the intended lighting angle.
- 4. Once the adjustable brackets have securely attached to the mounting surface, press the Wall Washer Strip into the mounting channel and fasten it into place.

TROUBLESHOOTING

Trouble	Possible Cause	Solution
Lights not turning on	Incorrect wiring or polarity	Verify wiring and polarity; consult an electrician and check voltage with a voltmeter if needed.
	Poor connection at wire connection terminals	Ensure proper connection.
	Inadequate lead wire exposure	Insert leads fully and ensure adequate wire exposure.
Dead LEDs	Bent beyond minimum bending radius, damaging internal circuits	Avoid bending the strip beyond the specified minimum bending radius, and only in the correct direction.
Dim LEDs	Voltage drop due to long runs or improper wire gauge	Check the distance to the power supply; use the Voltage Drop Chart and select the proper wire gauge.
	Inadequate power supply	Make sure the LED strip and power supply are compatible in wattage and voltage.
	Dimmer not set to maximum	Adjust the dimmer to its maximum brightness setting.
Lights not illuminating the right color	Incorrect wiring or connections	Take clear photos of the wiring installation (input/output connections) and email them to helpdesk@lumensdepot.com for technical support.
	Color reflections from surrounding surfaces	Assess neighboring surfaces for potential color reflections and adjust the installation as needed.
Lights flickering abnormally	Incompatible dimmer or power supply	Ensure the dimmer and power supply are compatible and properly selected for use with the LED neon strip.
Lights cycle on and off repeatedly	Incompatible dimmer or power supply	Confirm the dimmer and power supply are compatible. Verify the total wattage of connected LED strips does not exceed the driver's capacity.