



LED Cabinet Down Light

Architectural quality, component-based LED lighting system

Models QEV3W-WW and QEV3W-NW

Practical configuration, easy to install

Highly configurable to meet the custom design needs of homeowners and lighting professionals. Easily extend cables to meet installation needs. Install individually or together in series, limited only by the output rating of the power supply.

Bright and highly efficient, cool to the touch

LEDs emit very little heat, ensuring they won't overheat an enclosed space. Integral diffusers soften the lighting and reduce glare on adjacent surfaces. High-quality, energy-efficient LEDs are rated for 50,000 hours and require a 12V DC power supply (sold separately) with enough wattage to suit the application.

Fully dimmable

Use only with Armcast Lighting's 12V DC low voltage LED dimmers or an Armcast hardwired AC to DC dimmable LED power supply with a compatible Lutron® or similar style in-wall AC dimmer. Visit armcastlighting.com/dimming to learn more about the types of dimmers that will work with this LED down light.

Works with other Armcast component-based lighting

LED Cabinet Down Lights can be linked together or combined in the same 12V low voltage circuit with other Armcast lighting products, including white RibbonFlex Pro® LED tape lighting and 1 watt Mini Recessed Accent LED Lights.

Requires a 12V DC power supply. Each LED cabinet down light uses about 3.2 watts. Choose an adequately rated power supply based on the number of installed lights.

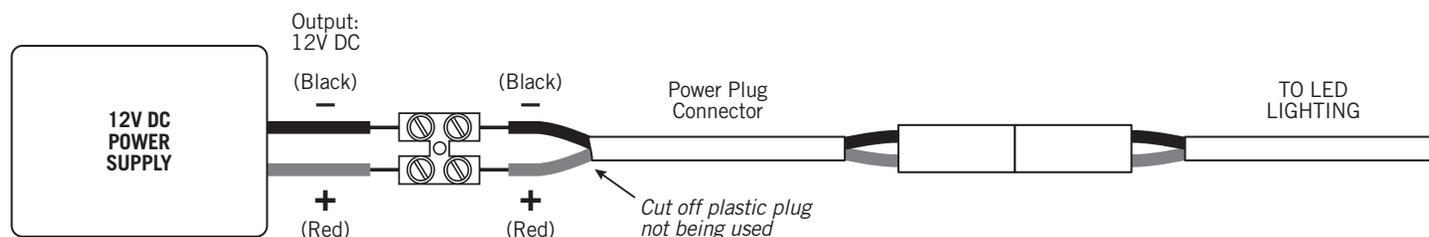
IMPORTANT

CAUTION: For use only with low voltage 12V DC power source.
Do not connect to 120V AC current.
For dry location only.

Disconnect all power before installing.

Wire runs inside walls must be installed in accordance with national and local electrical codes, low voltage Class 2 circuit. Use properly certified CL2 or better cabling. Do not install low-voltage wiring in the same wire run as AC power. If AC and low-voltage wires cross, keep them at 90-degree angles. If you are unclear as to how to install and wire this device, contact a qualified electrician.

- Use only insulated staples, plastic ties or clips to secure wires.
- Route and secure wires so they will not be pinched or damaged.
- Failure to observe polarity or shorting of wires may damage the LED lights.



SPECIFICATIONS	WARM WHITE	NATURAL WHITE
Input Voltage	12V DC	12V DC
Power Consumption	~3.2W	~3.2W
Color Temperature Option	~2700K	~4000K
Light Output (Lumens)	240	280
Lumens per Watt (Efficacy)	80	93
Color Accuracy (CRI)	83	83
LED Count	1W x 3	1W x 3
Beam Angle	60	60

INSTALLATION GUIDELINES

First, remove trim ring by grasping ring and then firmly pushing on back side of LED light.

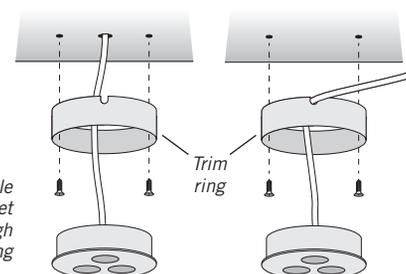
Flush mount

Cut a 2.5" diameter hole at desired location and insert light. Tension clips will hold the light in place. No trim ring required.



Surface mount

Keeping power cable threaded through trim ring, install ring using supplied screws. Insert light into trim ring until secure.

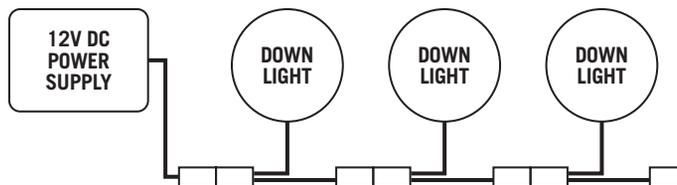


Feed power cable through cabinet surface or through notch in trim ring

Connect multiple LED Cabinet Down Lights

Link multiple LED down lights together by simply plugging one light into another. Each light comes with a 36" color coded (+/-) 2-conductor power cable with two pre-installed connectors to allow for various configurations. If further separation between each light is required (more than the installed cables will allow), simply cut the cable and splice together additional longer wires as needed. 18 AWG cable is recommended.

Be sure to use a 12V DC power supply with sufficient wattage to power the total number of LED lights connected to your system. At 100% brightness, each LED light uses about 3.24 watts or 0.27 amps.



Connect to 12V DC power supply

LED Cabinet Down Lights are supplied with a separate 6" power plug connector. This connector is designed to fit in either a male or female connector, both of which are found on the LED light power cable. Connect power plug to any available down light connector, cut off extra plastic connector not being used on the power plug, strip wires and connect to your 12V DC power supply. Be sure to maintain polarity. Red is positive, black is negative (+ to +, - to -). Connect wires to power supply using a terminal block, wire nuts, crimp connectors, soldering wires, etc. For interior RV and boat applications, this LED light can be powered directly by 12V battery.

Limited 3-year warranty. This product is for dry location use only. Improper installation, improper powering, abuse, or failure to use this product for its intended purpose will void warranty. Proof of purchase is required for all returns. Questions? Email support@armcastlighting.com.



armcastlighting.com

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