LED Under cabinet lighting

UCA-LED Series
Agenda

- Introduction
- Accessories
- Simple plug in and hardwire lighting assembly
- FAQs
Key features

- Ultra slim pivoting design
- 4 sizes: 9”, 12”, 20” 40”
- Hardwired or Plug in

NEW
Key features

- Dimmable
- Color temperature options: 3000K - 4000K
- Wide range of accessories

RDA LIGHTING
Accessories
4 accessories

UCA-DC Junction Box Connector
- Allows you to run bell wire (18-2 LVT) behind the dry wall.

PIR Motion Sensor
- Detects motion in the room and switches the light On/Off.

Touch Dimmer
- Dims light to desired levels. Touch On/Off Touch dim

Switch Connector
- On/off switch ideal for plugin installs.
2 Load Splitters

4 WAY SPLITTER

Splits the load from one power supply in 4 runs

8 WAY SPLITTER

Splits the load from one power supply in 8 runs
2 connectors

Connects fixtures and accessories in a single run.

- 6"
- 1 meter (40")
- 2 meter (80")
3 Plug in power supplies, 5 Hard wired power supplies

<table>
<thead>
<tr>
<th>Plug in Power Supply</th>
<th>Hardwired Power Supply</th>
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<tbody>
<tr>
<td>- 6W</td>
<td>- 25W (non-dimmable)</td>
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<tr>
<td>- 24W</td>
<td>- 40W (dimmable)</td>
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<tr>
<td>- 48W</td>
<td>- 60W (dimmable)</td>
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<td></td>
<td>- 96W (dimmable)</td>
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<tr>
<td></td>
<td>- 150W (magnetic, dimmable)</td>
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</table>
Switch connector or touch dimmer connector or occupancy sensor
UCA Simple Hard wired Assembly
What is the maximum wattage on a series run?

32W

When selecting a power supply, sum up the wattage of individual components in your run, add a buffer of 10% for voltage drops on the line to decide the maximum wattage you will need.
What accessory do you use to create 4 different runs on a single power supply?
How do you run bell wire behind a dry wall?
Frequently Asked Questions

- Will UCAs work in wet locations such as freezers?

**NO**

They are meant for dry, interior applications.
Frequently Asked Questions

- Is there a 12V DC option available?  
  **YES**  
  (Special Order)

- Can you have a cable hard wired to the fixture?  
  **YES**  
  (Special Order)

12V DC Option typically used in boats and motor homes.
Where do you mount under cabinet light?

One third of the distance from the edge of the wall.

With UCA's adjustable mounting bracket, you can direct light outward toward work areas.

In case of glossy counter tops/backsplashes, you could mount the fixture closer to the edge of the cabinet and direct light inwards to create an indirect lighting effect. This helps limit the glare that arises from glossy surfaces.
Frequently Asked Questions

- How do you determine how many light fixtures you need?

  Take measurements of every section of the under cabinet as shown in the diagram below:

For the UCA, try to cover the entire length of the cabinet for uniform lighting. Ensure you allocate enough space for accessories/connectors (typically 1 -2”)
• If your customers need a custom lighting layout for their kitchen, direct them to:

blog.rdalighting.com/UCA-custom-layout
Thank you!