

PRODUCT CUT SHEET

## Under Cabinet Lighting Kit

### AL-KIT-UDCB-3K-24-1R

All-Inclusive, Hard-Wired Kit for Under Cabinet Applications



#### DESCRIPTION

The Free Cut Undercabinet Kit is a complete solution for creating customized task and accent lighting in kitchens, workspaces, and other indoor applications

Designed for installations up to 16 feet or 32 feet, this all-in-one kit includes everything you need for a fast, professional installation. Featuring our Summit Free Cut LED Strip Light, the strip can be cut anywhere for a precise fit with virtually no wasted material.

The included InDrive 2-in-1 Dimmer Switch + Driver combines power and dimming into a single compact unit, making installation simple while providing smooth, adjustable brightness for any space.

#### WHAT'S INCLUDED IN THE KIT



**Surface Mount LED Channel, Narrow**  
*Silver Finish, Frost Lens*

**Surface Mount LED Channel Accessories**  
*End Caps, End Caps with Hole, Mounting Clips & Screws*

**Summit Static White Bite Connectors**  
*Jumper, Pigtail, Splice, and Anglesplice Connectors*

**14 AWG 2 Conductor Wire**  
*In-Wall Rated, 30ft Included*

**Summit Free Cut Strip Light**  
*IP20, 3000K, 24VDC, Static White*

**InDrive 2-in-1 Dimmer Switch + Driver**  
*96 Watt, Single Color*

**Mini Low Voltage Junction Box**

#### SKU BUILDER

**AL-KIT-UDCB-3K-24-1R**

UNDER CABINET LIGHTING KIT

Summit LED Strip Light - Free Cut

CSP Chip, IP20, 3000K, 24VDC



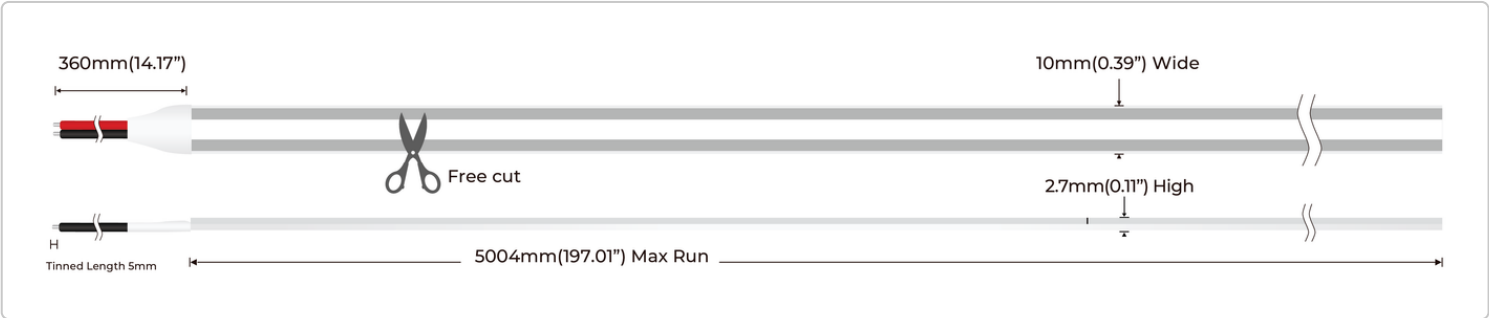
DESCRIPTION

The Summit LED Strip Light Free Cut delivers unmatched flexibility and precision for custom lighting installations. Designed with a cut anywhere construction, this strip can be trimmed to the exact length you need, eliminating waste and allowing complete design freedom for any project.

Advanced CSP technology produces a smooth, continuous line of light with no visible hotspots or dark gaps, creating a clean, high end finish. Built for indoor applications, this IP20 rated strip is ideal for retail displays, hospitality environments, and trade show setups where consistent, professional customizable lighting is essential.

| AL-SL-FC-IP20-24           |                                       |                       |                                                                                              |
|----------------------------|---------------------------------------|-----------------------|----------------------------------------------------------------------------------------------|
| PHYSICAL                   |                                       | ELECTRICAL            |                                                                                              |
| Reel Length                | 16.4' (5m)                            | Input Voltage         | 24VDC                                                                                        |
| Width                      | 0.393" (10mm)                         | LED Type              | 2022x                                                                                        |
| Height                     | 0.11" (2.7mm)                         | LED Quantity          | 87 LED's/ft (288 LED's/m)                                                                    |
| Cut Length                 | Free Cut                              | Max Power Consumption | 3.0W/ft (10W/m)                                                                              |
| Adhesive Backing           | Yes                                   | Max Run Length        | 16.4' (5m)                                                                                   |
| Mounting method            | Adhesive Tape                         | Compatible Connectors | AL-SL-CN-DLS-SPLICE / AL-SL-CN-DLS-PIGTAIL<br>AL-SL-CN-DLS-JUMPER / AL-SL-CN-DLS-ANGLESPlice |
| Average Lifespan           | 50,000 Hours                          | ENVIRONMETAL          |                                                                                              |
| Warranty                   | 5 years                               | IP Rating             | IP20                                                                                         |
| PHOTOMETRIC                |                                       | Suitable Uses         | Dry, Indoor                                                                                  |
| CRI                        | 90                                    | Max Operating Temp    | -4 - 122° F (-20 - 50° C)                                                                    |
| Max Luminous Flux          | Up to 362.8 Lumens/ft (1190 Lumens/m) | Max Storage Temp      | -22 - 176° F (-30 - 80° C)                                                                   |
| Efficacy (lumens per watt) | Up to 120 Lumens/Watt                 | CONTROL               |                                                                                              |
| Beam Angle                 | 180°                                  | Dimmable              | Yes                                                                                          |
| LED Color Options          | 2700K, 3000K, 4000K, 6000K            | CV/CC/SPI/DMX         | Constant Voltage                                                                             |
| RGB Wavelength Ranges      | N/A                                   | STANDARDS/CERTS       | CE   UL   RoHS   LM80                                                                        |

TECHNICAL DRAWINGS



AL-KIT-UDCB-3K-24-1R

96 Watt, Single Color

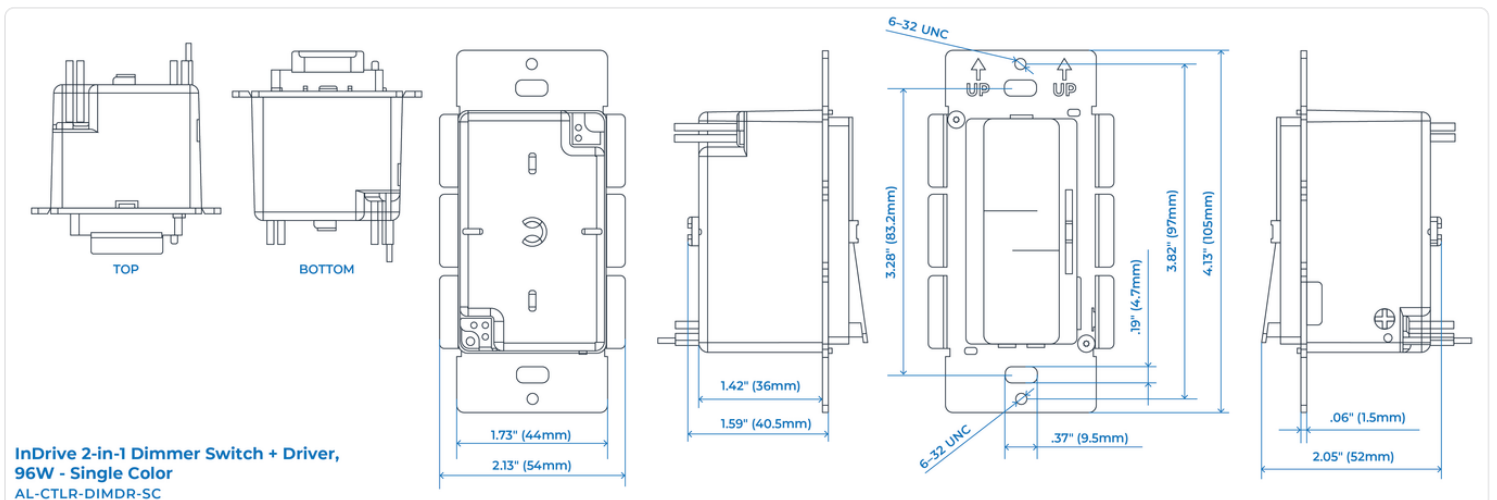


## DESCRIPTION

Compact, versatile, and efficient, this all-in-one dimmer and driver eliminates the need for a separate power supply. Adjust the brightness effortlessly to suit any task, from ambient lighting to bright task lighting. Compatible with single-pole and 3-way configurations, it dims smoothly down to 3% brightness. Streamline installation, reduce labor costs, and simplify your lighting setup.

| AL-CTLR-DIMSW-CAS                                         |                                                    |
|-----------------------------------------------------------|----------------------------------------------------|
| PHYSICAL                                                  |                                                    |
| Dimensions                                                | 36 mm D (1.42"), 32.5 mm W (1.28"), 66 mm H (2.6") |
| Weight                                                    | 9.38 oz (0.25 kg)                                  |
| Mounting Method                                           | In-Wall Switch Box                                 |
| Warranty                                                  | 3 Years                                            |
| Pole Type                                                 | Single or 3-pole                                   |
| ELECTRICAL                                                |                                                    |
| DC Voltage                                                | Outputs 24VDC                                      |
| Max Power Consumption                                     | 96 W                                               |
| Input Voltage                                             | 120 VAC                                            |
| Output Signal                                             | 16 kHz PWM Output                                  |
| ENVIRONMENTAL                                             |                                                    |
| IP Rating                                                 | IP65                                               |
| Suitable Uses                                             | Indoor, Dry, Damp locations                        |
| STANDARDS/CERTIFICATIONS                                  |                                                    |
| ROHS   UL Listed   FCC   Class 2   Class P   SELV   REACH |                                                    |

## TECHNICAL DRAWING



Corner Mount LED Channel, Narrow

Black Finish, Frost Lens, 1M Lengths

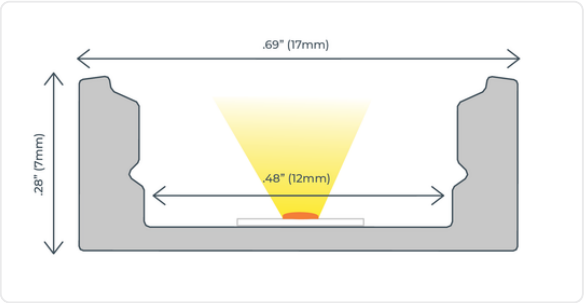


DESCRIPTION

This surface mount channel is compatible with all indoor-rated (IP20) strip lights up to 12mm wide. Available in sleek silver or black aluminum finishes, it can be paired with clear or frosted lenses for maximum brightness and diffusion, or a smoke lenses for subtle accents. Its slim 0.28" low-profile design makes it ideal for tight or challenging spaces. Crafted from durable aluminum, it shields strip lights from damage and tampering, while providing smooth, even light diffusion and effective heat dissipation to extend LED lifespan.

This channel has a 9/16" visible lens and accommodates strip lights up to 12mm wide.

TECHNICAL DRAWING



| AL-CTLR-DIMSW-CAS           |                                                                                                                      |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------|
| PHYSICAL                    |                                                                                                                      |
| Interior Channel Dimensions | 0.48" (12.2mm)                                                                                                       |
| Channel Material            | Anodized Aluminum                                                                                                    |
| Dimensions                  | 0.67" (17.5mm) Wide X 0.28" (7mm) Tall                                                                               |
| Finish Options              | Silver                                                                                                               |
| Lens Material               | Polycarbonate                                                                                                        |
| Lens Options                | Frosted                                                                                                              |
| Mounting Method             | Mounting Clip, Surface Mounted                                                                                       |
| Package Quantity            | Accessory pack includes mounting clips, ends caps, and end caps with holes (10ct. for 16ft kit, 20ct. for 32 ft kit) |
| Routing Width               | 18mm                                                                                                                 |
| Weight                      | .3 lb (3.25ft Channel & Lens)                                                                                        |
| Warranty                    | 1 Year                                                                                                               |
| PHOTOMETRIC                 |                                                                                                                      |
| Lens Transmittance          | 78%                                                                                                                  |
| ENVIRONMENTAL               |                                                                                                                      |
| IP Rating                   | IP20                                                                                                                 |
| Load Rating                 | IK06                                                                                                                 |
| Max Operating Temperature   | -4 – 122°F (-20 – 50°C)                                                                                              |
| Max Storage Temperatures    | -22 – 176°F (-30 – 80°C)                                                                                             |
| Suitable Uses               | Dry, Indoor                                                                                                          |
| COMPATIBILITY               |                                                                                                                      |
| Compatible Strip Lights     | Holds Strip Lights up to 12mm                                                                                        |
| STANDARDS/CERTIFICATIONS    |                                                                                                                      |
| RoHS                        |                                                                                                                      |

# Under Cabinet Lighting Kit

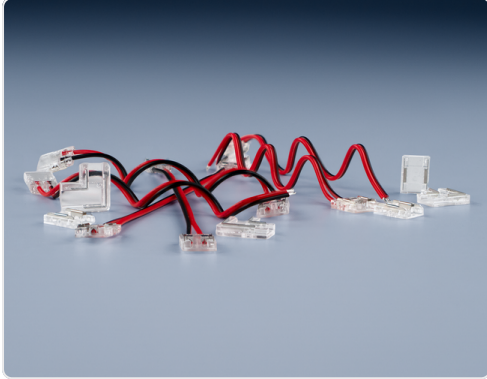
AL-KIT-UDCB-3K-24-1R

PRODUCT CUT SHEET  
Page 5

## ACCESSORIES

### Summit Static White Solderless Bite Connector

2 Pin Quick Connect Series for Summit Series



#### DESCRIPTION

These connectors allow you to cut your strip light to length and connect new wire leads without soldering. Be sure to observe strip light polarity at all connection points. Needle-nose or parallel-jaw pliers are recommended for a smooth installation. Only compatible with aspectLED LED strip lights.

### Mini Low Voltage Terminal Junction Box

AL-SL-CN-TRM-BX



#### DESCRIPTION

This can be used with class 2 low voltage fixtures and uses a screw terminal for each conductor to ensure your wires are secure. The casing snaps closed so you can rest assured knowing the inside connections will be protected against accidental damage and tampering. This unit is not rated for in-wall use.

### 14AWG 2 Conductor In-Wall Rated Stranded Wire

30 ft of wire included in the kit



#### DESCRIPTION

This wire is cut to length and sold by the foot. P  
This is 14 American Wire Gauge 2 conductor low voltage stranded wire rated for in wall use. Conductor size is critical for managing voltage drop, which depends on load, length, and other factors. Consult a licensed electrician and voltage drop tables for guidance.

Wire jacket color may vary and may not match the color shown in product images. Specifications and performance remain the same.