



# The Aspen

Bridging powerful functionality with refined, intuitive design.  
Precision rotary encoder dial with infinite-rotation dimming, LED  
intensity arc, and Cat5e connectivity.

SKU  
CYN-DIM-R1

CATEGORY  
Rotary Dimmer

CONNECTIVITY  
Cat5e / RJ-45

REVISION  
Rev 1.0 — Mar 2026

# The Aspen

## ROTARY DIMMING CONTROL

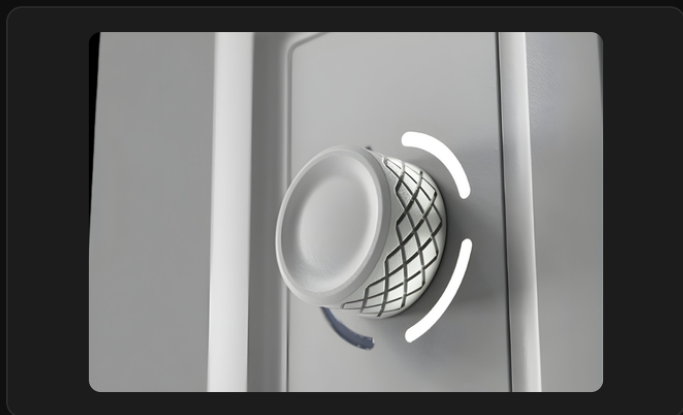
The centerpiece of Canyon Controls — a precision rotary encoder dial that delivers infinite-rotation dimming and on/off control for up to four zones. The cross-hatched knob provides superior tactile grip, while the LED intensity arc gives real-time visual feedback of the current dim level. Connects via a single Cat5e cable to the Canyon PowerPack with plug-and-play zone assignment via the integrated rear DIP switch. Shares the same exterior frame as the Canyon Tahoma — interchangeable faceplates create a unified design language.

|               |   |
|---------------|---|
| CONTROL TYPE  | Rotary Encoder (infinite rotation) + Momentary Press On/Off |
| ZONES         | Up to 4   |
| CONNECTION    | RJ45 Cat5e T568B  |
| PROTOCOL      | CAN Bus   |
| INPUT POWER   | 24 VDC (via Cat5e)  |
| CONSUMPTION   | < 1W  |
| INDICATOR     | LED Intensity Arc   |
| ZONE SELECTOR | Integrated (rear DIP)                                       |
| MOUNTING      | Standard single-gang box                                    |
| FACEPLATE     | Interchangeable with Tahoma frame                           |



# Available Finishes

PREMIUM MATERIALS



## Precision Knob Detail

The cross-hatched knob provides superior grip while the LED arc indicators give real-time dimming feedback. The infinite-rotation encoder means no end stops — smooth, continuous control from 0-100%. Press the knob to toggle on/off.

1

### Connect

Run a single Cat5e cable from the Canyon PowerPack to the Aspen.

2

### Select Zone

Use the rear DIP switch to assign the dial to your target zone.

3

### Control

Rotate to dim, press to toggle on/off. LED indicators show intensity level.

# Specifications

## ELECTRICAL & ENVIRONMENTAL

| PARAMETER         | VALUE   |
|-------------------|---|
| Input Voltage     | 24 VDC (via Cat5e from Canyon PowerPack)                  |
| Power Consumption | < 1W  |
| Control Type      | Rotary Encoder (infinite rotation) + Momentary Press      |
| Zones             | Up to 4   |
| Connection        | RJ45 Cat5e T568B  |
| Protocol          | CAN Bus   |
| Network Topology  | Daisy chain or home-run to Canyon PowerPack               |
| LED Indicator     | Intensity arc — real-time dim level feedback              |
| Zone Selector     | Integrated rear DIP switch                                |
| Mounting          | Standard single-gang box (depth ≥ 2.5")                   |
| Operating Temp    | 32°F to 131°F (0°C to 55°C)                               |
| Storage Temp      | -15°F to 160°F (-26°C to 71°C)                            |
| Humidity          | 0-90% non-condensing                                      |
| Dimensions        | 4.50" × 1.90" × 1.50" (L × W × D)                         |
| Finishes          | White, Brushed Aluminum, Brushed Brass, Anodized Aluminum |
| Faceplate         | Interchangeable center panel (shared with Tahoma)         |

## ENERGY CODE COMPLIANCE

ASHRAE  
90.1

IECC

TITLE 24 PART  
6

MULTI-LEVEL  
DIMMING

DAYLIGHT  
HARVESTING

DEMAND  
RESPONSE

## LISTINGS & WARRANTY

|                     |                |
|---------------------|----------------|
| UL Listed           | Yes            |
| cUL Listed          | Yes            |
| FCC Part 15 Class B | Yes            |
| RoHS Compliant      | Yes            |
| Warranty            | 5-Year Limited |

## DISCLAIMER

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