Control on the scale of nature enables large luminous surfaces using industry standard protocols.

- Available in 24V and 58V options.
- Interfaces with a full range of industry standard control protocols from simple analog (0-10V), to digital (DALI/DMX), and wireless (Casambi) options.
- Cooleedge Control modules perform two functions: 1) convert a single incoming DC power source to multiple Class 2 output (<100W) channels; and 2) convert incoming signals to dimming and/or CCT tuning output to operate Cooleedge TILE and LINE products.
- Up to 4 @ 90W output channels enable larger luminous surfaces while reducing the number of line voltage connections required.
- The Cooleedge Control Module is available in Casambi enabled (Bluetooth Low Energy wireless) models for deep dimming, tunable white, or dim-to-warm functionality.

Incorporates Cooleedge’s proprietary “C-Tune” technology.

- This technology simplifies wiring, and significantly increases the affordability of tunable white lighting in comparison with static color temperature options.
- A single output for TILE Tunable White products reduces the opportunity for error that results from the multiple connections typically required for tunable white products.
COOLEDGE POWER & CONTROL

SPECIFICATIONS

DIMENSIONS
8.7” x 2.6” x 1.4” or 220mm x 66mm x 36mm

OUTPUT POWER (W PER CHANNEL)
90 (Class 2): SCT = up to 4CH; TNW/DTW = 2 CH

CIRCUIT PROTECTION
Overcurrent, Overvoltage, Reverse Polarity, Short Circuit

DIMMING FREQUENCY (Hz)
3950

DIMMING RANGE (%)
.05 - 100 (SCT, DTW); 1 - 100 (TNW)

STANDBOUGHT TEST MODE
Available

MAXIMUM CONTROL CURRENT (SOURCE)
0.5 mA

MAX WIRE SIZE
12 AWG/ 3.3mm²

RATED LIFETIME (HR)
70,000

WEIGHT
.47 lbs / 213g

POWER & CONTROL SYSTEM OVERVIEW

STATIC COLOR TEMPERATURE (“SCT”)
Provides 4 @ 90W output with 0.05% deep dimming for TILE Interior, TILE Exterior, and LINE.

DYNAMIC COLOR TEMPERATURE
(“TNW”=TUNABLE WHITE; “DTW”=DIM-TO-WARM)
Provides 2 @ 90W output for TILE Tunable White (tunable white and dim-to-warm)

In Canada, TILE Interior must be installed within an enclosure

5 Year Limited Warranty: Parts and workmanship when used with a Cooledge approved power supply

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