COOLEDGE™
LINE

Create low profile linear accents with Cooledge LINE systems.

LINE 450

– Width = 2.2" (56mm)
– Flux = 450 lm/ft (1500lm/m)
– CRI = 90+ (standard)

Delivered in standard lengths that can be adapted to field conditions and still meet all of the required performance specifications and reliability needs of each application.

– The constant voltage architecture of Cooledge LINE systems enables multiple sheets and sheets of varying lengths to be connected to the same LED Driver. In addition, it also allows LINE to be cut-to-length on-site without impacting the light output performance of the system
– A single sheet of of LINE can be up to >20' (6336mm) in length and can be cut in increments of 2.8" (72mm) to allow for on-site length adjustments

Flexible to conform to curved surfaces and unique geometries.

– Cooledge LINE has a minimum bend radius of 2" (50mm) that enables its use in a wide variety of forms that promote design freedom

The close spacing of LEDs allows for low setback distances when used with diffusers, delivering high quality illumination where light levels are an important design consideration.

– For direct view applications such as millwork and slots where a low profile is critical, Cooledge LINE delivers uniformity at setback distances <2" (50mm) for a wide variety of commonly used diffuser materials combined with light output levels that create a strong visual impact for linear accents
– For indirect applications such as coves, the flat sheet profile of Cooledge LINE allows it to be easily hidden while delivering high levels of illumination

Suitable for mounting directly to common millwork, cove, and slot materials.

– Cooledge LINE systems have been designed for simple attachment to most materials used to create linear accents, using either mechanical fasteners or double-sided tape

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PHOTOMETRIC HIGHLIGHTS[1]

LUMEN OUTPUT
450 lm/ft (1500 lm/m)

CORRELATED COLOR TEMPERATURE (CCT)
2700K, 3000K, 3500K, 4000K, 5700K

COLOR RENDERING
CRI > 90

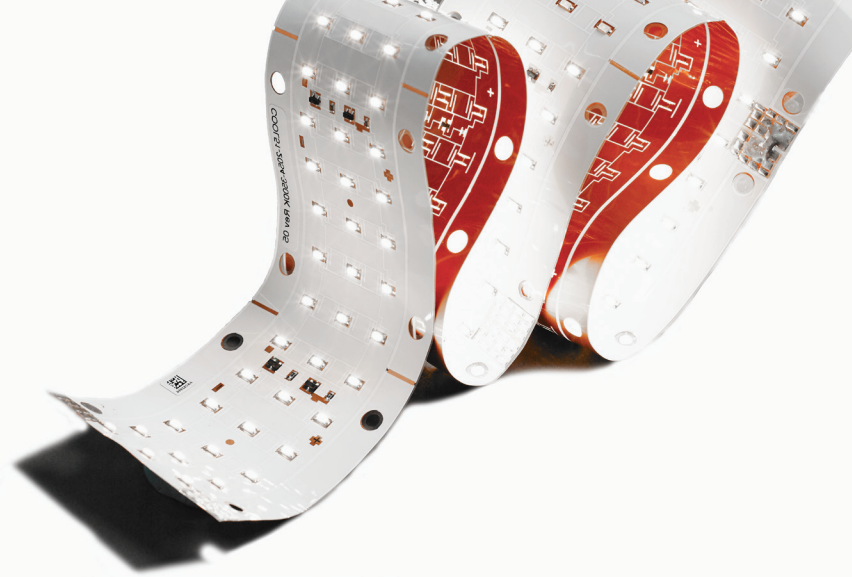**COLOR UNIFORMITY**
Typical 2 SDCM

LUMEN MAINTENANCE[2]
L80 = 75,000hr

1 Photometric files available from cooledgelighting.com
2 Based on LM80 data & TM-21 calculations

Cooledge LINE has been tested using a proprietary process that measures the flux, color uniformity, and Color Rendering index (CRI) to ensure that it meets stringent specifications for optical performance .
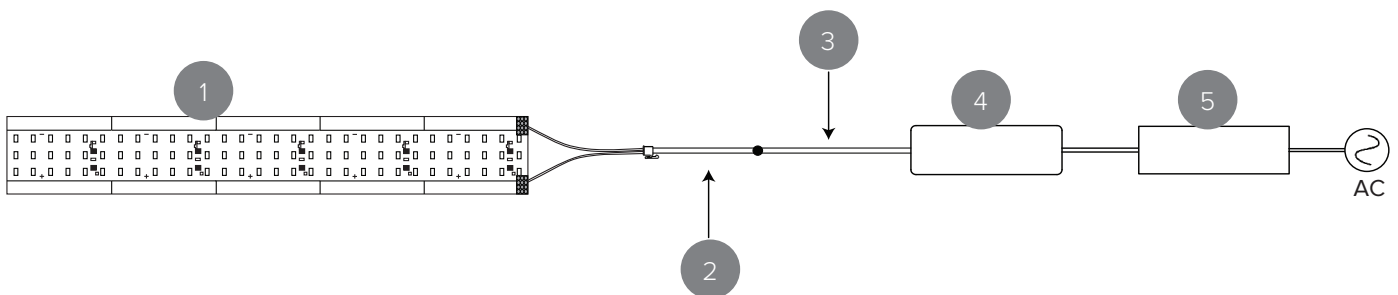
LOW PROFILE WITH HIGH VISIBILITY

Cooledge LINE delivers the optimal combination of high light output, uniformity at low setback distances, and a flat, flexible profile to enable linear accent lighting that is at the same time minimalist in design but high in visual impact.

LINE SYSTEM OVERVIEW

1   **LINE**
Flexible light emitting linear sheet

2   **LINE Starter Cable**
8ft (2.4m) cable connects LINE to LED Driver

3   **Extension Cable (optional)**
Cable to join Starter Cable to LED Driver for longer remote distances

4   **Control Module (optional)**
Receives input control signals using industry standard control protocols to dim up to 4 @ 90W output channels.

5   **Power Supply (required)**
Converts AC mains (line) power to low voltage (58VDC) power.

In Canada, LINE must be installed within an enclosure

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

www.cooledgelighting.com

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