

# Hazardous Location LED Lights Strip



Hazardous Location LED Strip Lights provide enclosure illumination in hazardous environments. These lights are ideal for remote and darkened enclosure applications in Class 1, Division 2 hazardous areas. With a robust design, these lights have a life span of 100,000 hours and superior lighting performance with easy field angle adjustment brackets. These versatile, light-weight LED lights provide mounting flexibility and are easy to install in an enclosure.

## INDUSTRY STANDARDS

UL 844 Listed; File No. E492323

cUL Listed per CSA C22.2 No. 137; File No. E492323

Class I, Division 2 Groups A, B, C, D, T4\*; Class II , Division 2, Groups F, and G, T6; Class III ; Class I, Zone 2, Group IIC ; Zone 22

IEC 60529, IP66/67

\*T3C for simultaneous exposure rating, Class I Div. 2 & Class II , Div.

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## FEATURES

Direct transfer of heat from PCB to the casing to maximize lifetime and reliability

Operating temperature of -40 F (-40 C) to 140 F (60 C)

Easy installation with included mechanical assembly kit while maintaining enclosure rating up to UL Type 4X

Includes 3-ft connect cable with flying leads

Maximum lighting for control panels with 578 to 2,351 lumens and 5,000K color temperature

Linear drive circuit with no flicker or high frequency electronic noise

Easy field angle adjustment with mounting bracket

Wide beam optics with 100 degree angle of illumination

Available in 12, 24, 36, and 48-inch lengths

SPECIFICATIONS

| Table 1/1      |          |         |                  |         |              |            |
|----------------|----------|---------|------------------|---------|--------------|------------|
| Catalog Number | Material | Finish  | Input Voltage DC | Current | Light Output | Quick Ship |
| LEDHL24V12     | Aluminum | Brushed | 22 – 28V         | 0.4A    | 578lm        | No         |
| LEDHL24V24     | Aluminum | Brushed | 22 – 28V         | 0.75A   | 1172lm       | No         |
| LEDHL24V36     | Aluminum | Brushed | 22 – 28V         | 1.1A    | 1758lm       | No         |
| LEDHL24V48     | Aluminum | Brushed | 22 – 28V         | 1.5A    | 2351lm       | No         |

WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.



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