

# HLS27



## LED Strip Light for Hazardous Locations

- Bring illumination and indication to hazardous locations with a slim light that doesn't obstruct the work area
- Install where needed without enclosures or additional hardware
- Create the light you need with color and intensity control options



# HLS27 Hazardous Location LED Strip Light



Rugged, water-resistant  
IEC IP66, IEC IP67 design

Intensity control via  
Hi/Lo/Off wiring or  
PWM dimming

Slim, space-saving design  
for use in hazardous  
locations

Custom brackets make  
mounting easy and protect  
against impact



## Models with 2.0 (6.3 ft) ITC-ER cable and unterminated tinned leads:

NEC and CEC:

Gas & Vapors: Class I Zone 2 IIC T4 / Class I Div 2 Groups ABCD T4

Dust: Class II Zone 22 IIIC T100°C / Class II Div 2 Groups FG T5

Fibers: Class III Div 1 and Div 2 T5

ATEX/IECEX:

Gas & Vapors: II 3 G Ex ec IIC T4 Gc (Group IIC Zone 2)

Dust: II 3 D Ex tc IIIC T85°C Dc (Group IIIC Zone 22)



## Challenge

- Visibility is critical for equipment inspection and maintenance on a skid
- The presence of oil or gas qualifies the area as Class I Division 2

## Solution

- HLS27 provides bright light so personnel can verify equipment status
- The slim design easily fits under the roof without obstructing the work area or view
- Dimming options give the operator control of intensity and provide energy savings
- The HLS27 also fits cleanly in the control cabinet
- Color options are available for integrated, location specific status indication

## Single-Color

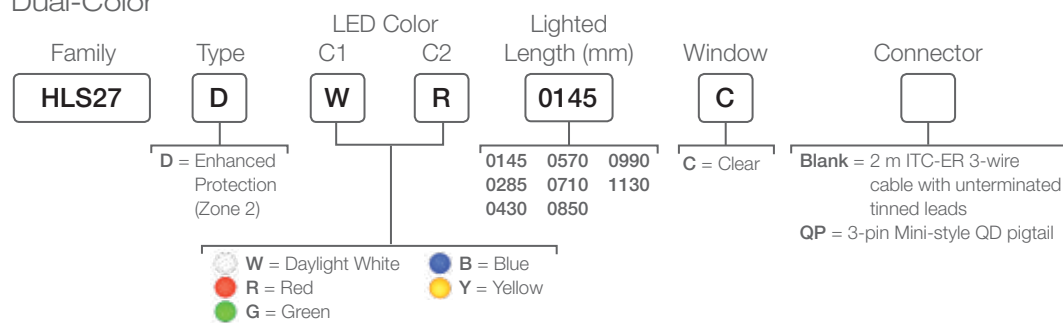


| Length (mm) | Lumens (Typical @ 25 °C) |            |     |       |      |        | Typical Wattage* (Watts) |
|-------------|--------------------------|------------|-----|-------|------|--------|--------------------------|
|             | Cool White               | Warm White | Red | Green | Blue | Yellow |                          |
| 145         | 425                      | 425        | 65  | 205   | 45   | 55     | 4                        |
| 285         | 850                      | 850        | 130 | 410   | 90   | 110    | 7                        |
| 430         | 1275                     | 1275       | 195 | 615   | 135  | 165    | 11                       |
| 570         | 1700                     | 1700       | 260 | 820   | 180  | 220    | 15                       |
| 710         | 2125                     | 2125       | 325 | 1025  | 225  | 275    | 19                       |
| 850         | 2550                     | 2550       | 390 | 1230  | 270  | 330    | 22                       |
| 990         | 2975                     | 2975       | 455 | 1435  | 315  | 385    | 26                       |
| 1130        | 3400                     | 3400       | 520 | 1640  | 360  | 440    | 30                       |

\*Typical operating wattage is measured at 24 V dc



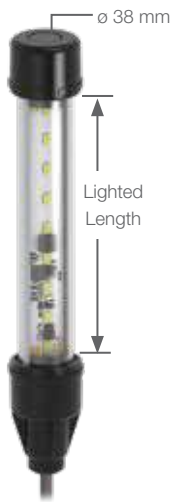
### Dual-Color



| Length (mm) | Lumens (Typical @ 25 °C) |     |       |      |        | Typical Wattage* (Watts) |
|-------------|--------------------------|-----|-------|------|--------|--------------------------|
|             | Daylight White           | Red | Green | Blue | Yellow |                          |
| 145         | 275                      | 115 | 175   | 65   | 85     | 4                        |
| 285         | 550                      | 230 | 350   | 130  | 170    | 7                        |
| 430         | 825                      | 345 | 525   | 195  | 255    | 11                       |
| 570         | 1100                     | 460 | 700   | 260  | 340    | 15                       |
| 710         | 1375                     | 575 | 875   | 325  | 425    | 19                       |
| 850         | 1650                     | 690 | 1050  | 390  | 510    | 22                       |
| 990         | 1925                     | 805 | 1225  | 455  | 595    | 26                       |
| 1130        | 2200                     | 920 | 1400  | 520  | 680    | 30                       |

\*Typical operating wattage is measured at 24 V dc

## HLS27



| Lighted Length (mm) |      |
|---------------------|------|
| 145                 | 710  |
| 285                 | 850  |
| 430                 | 990  |
| 570                 | 1130 |

## Specifications

|                                       |  |
|---------------------------------------|--|
| <b>Supply Voltage</b>                 | 12 to 30 V dc  |
| <b>Construction</b>                   | Clear anodized aluminum inner housing<br>UV stabilized polycarbonate outer housing   |
| <b>Operating Temperature</b>          | For NEC & CEC applications: -40 °C to +60 °C (-40 °F to +140 °F)<br>For ATEX/IECEX applications: -40 °C to +50 °C (-40 °F to +122 °F)        |
| <b>Connections</b>                    | 2 m (6.3 ft) long, 6.3 mm (0.25 inch) diameter ITC-ER cable with unterminated leads<br>0.5 m (1.6 ft) ITC-ER cable with Mini-style connector |
| <b>Environmental Rating</b>           | IEC IP66, IEC IP67   |
| <b>Vibration and Mechanical Shock</b> | Vibration 10-55 Hz 1.0 mm p-p amplitude per IEC 60068-2-6<br>Shock 15G 11 ms duration, half sine wave per IEC 60068-2-27                     |
| <b>Certifications</b>                 |  |

  
IECEX UL T8.0115X:  
DEMKO 18 ATEX 2122X

  
UL/cULus E467619

  
1725

## Accessories



LMBHLS270

LMBHLS27S

## K50 and K30 Hazardous Indicators



- Up to three colors in one device and five colors to choose from
- Models rated to IP67 and IP69K for use in harsh environments
- Unique design appears gray when off, eliminating false indication from ambient light
- Easy mounting and configuration
- Extensive global approvals ensure indicator lights can be used in most classified zones or areas