

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

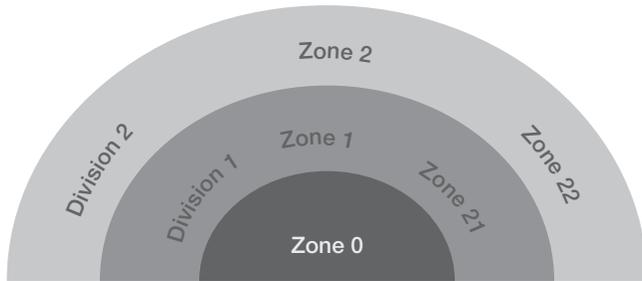


Rugged, water-resistant
IEC IP66, IEC IP67 design

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

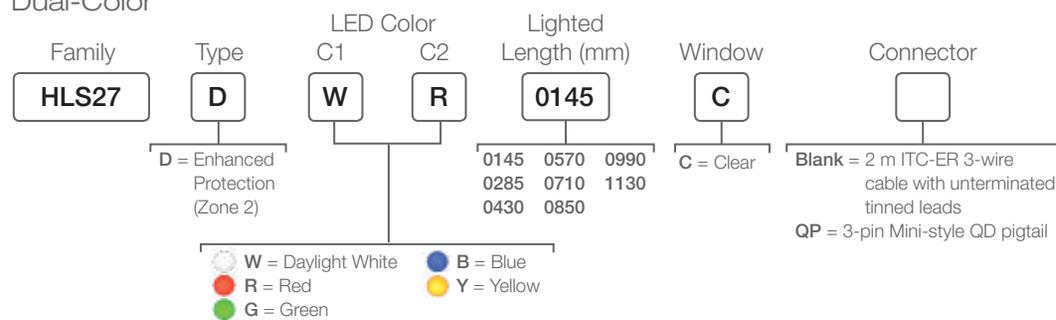


Length (mm)	Lumens (Typical @ 25 °C)						Typical Wattage* (Watts)
	Cool White	Warm White	Red	Green	Blue	Yellow	
145	425	425	65	205	45	55	4
285	850	850	130	410	90	110	7
430	1275	1275	195	615	135	165	11
570	1700	1700	260	820	180	220	15
710	2125	2125	325	1025	225	275	19
850	2550	2550	390	1230	270	330	22
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



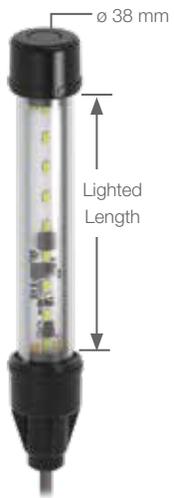
Dual-Color



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

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

 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

