

HLS27 Series Strip Lights



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

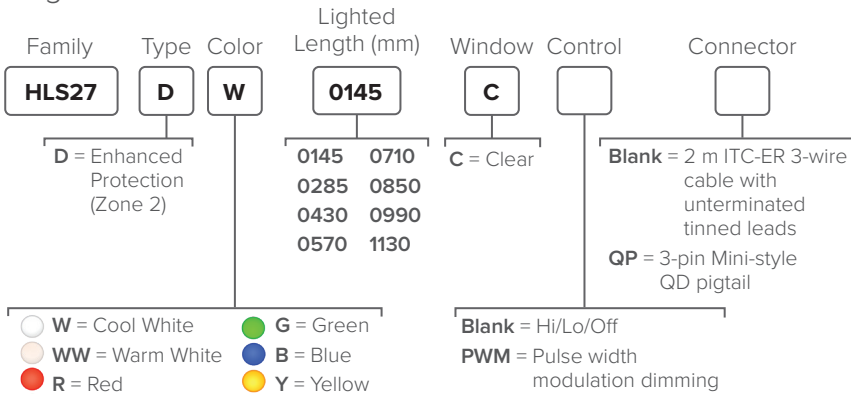
Models with 2.0 (6.3 ft) ITC-ER cable and unterminated tinned leads:

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

Dust: Class II Zone 22 IIIC T135°C / Class II
Div 2 Groups FG T4
Class III Div 1 and Div 2 T4



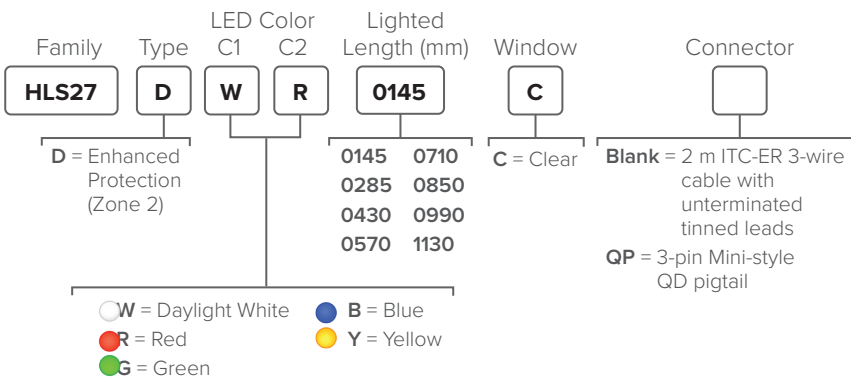
Single-Color



Length (mm)	Lumens (Typical @ 25 °C)						Typical Wattage* (Watts)
	Cool White	Warm White	Red	Green	Blue	Yellow	
145	375	375	65	205	45	55	4
285	750	750	130	410	90	110	7
430	1125	1125	195	615	135	165	11
570	1500	1500	260	820	180	220	15
710	1875	1875	325	1025	225	275	19
850	2250	2250	390	1230	270	330	22
990	2625	2625	455	1435	315	385	26
1130	3000	3000	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



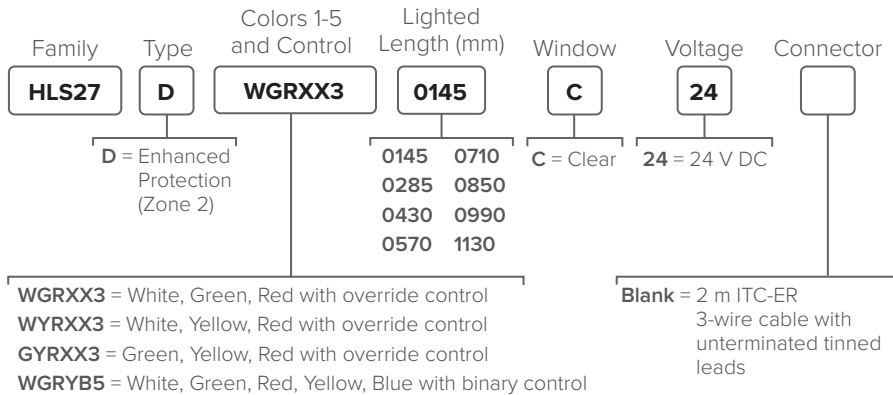
Challenge

- 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 or Zone 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
- Available in single-, dual-, multicolor and segmented models

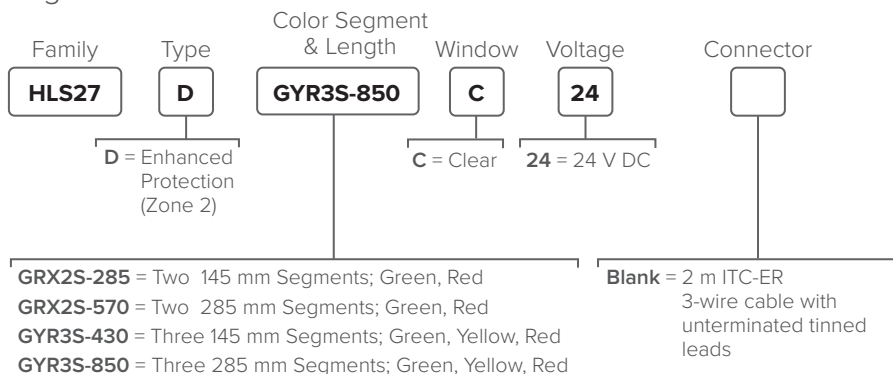
Multicolor



Length (mm)	Lumens (Typical @ 25 °C)					Typical Wattage* (Watts)
	Daylight White	Red	Green	Blue	Yellow	
145	260	75	160	45	225	
285	690	195	425	115	605	
430	1035	293	638	173	908	
570	1380	390	850	230	1210	
710	1725	488	1063	288	1513	
850	2070	585	1275	345	1815	
990	2415	683	1488	403	2118	
1130	2760	780	1700	460	2420	

*Typical operating wattage is measured at 24 V dc

Segmented

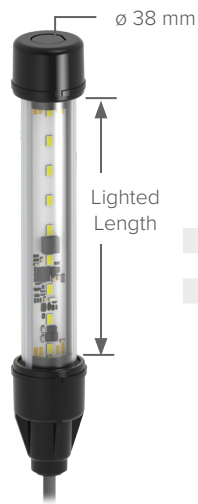


Length (mm)	Lumens (Typical @ 25 °C)					Typical Wattage* (Watts)
	Daylight White	Red	Green	Blue	Yellow	
145	260	75	160	45	225	
285	690	195	425	115	605	
430	1035	293	638	173	908	
570	1380	390	850	230	1210	
710	1725	488	1063	288	1513	
850	2070	585	1275	345	1815	
990	2415	683	1488	403	2118	
1130	2760	780	1700	460	2420	

*Typical operating wattage is measured at 24 V dc

Specifications

HLS27



Lighted Length (mm)

145	710
285	850
430	990
570	1130

Supply Voltage

Single- and dual-color: 12 to 30 V DC
Multicolor and Segmented: 24 V DC

Construction

Clear anodized aluminum inner housing
UV stabilized polycarbonate outer housing

Operating Temperature

Single- and dual-color:
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)
Multicolor and Segmented:
-35 °C to +50 °C (-64 °F to +122 °F)

Connections

Single- and dual-color: 0.5 m (1.6 ft) ITC-ER cable with Mini-style connector
All models: 2 m (6.3 ft) long, 6.3 mm (0.25 inch) diameter ITC-ER cable with unterminated leads

Environmental Rating

IEC IP66, IEC IP67

Vibration and Mechanical Shock

Vibration 10 to 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



Accessories



LMBHLS27O



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