

HAZARDOUS LOCATION LED LIGHTS



INDUSTRY STANDARDS

ETL Listed
Class I Division 2, Groups A, B, C and D, T3
Conforms To CSA.22.2 No. 137, 213, 250 Standards
Conforms To UL 844 & 1598 Standards
Conforms to ISA-12.12-01
Maintains enclosure Type 4, 4X rating when properly installed

APPLICATION

Hazardous Location LED 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 lifespan of 100,000 hours and superior lighting performance with minimal power consumption. These versatile, slim-profile LED lights provide mounting flexibility and are easy to install in an enclosure.

FEATURES

- LED technology provides a life span of up to 100,000 operating hours
- Operating temperature of -40 F (-40 C) to 185 F (85 C)
- Easy installation with included mechanical assembly kit while maintaining enclosure rating up to UL Type 4X
- Includes 6-ft connect cable with flying leads

Standard LED Light

- Maximum lighting for control panels with 558 to 2,256 lumens light output
- Minimum power consumption and superior lighting with 24 VDC power input
- Versatile mounting allows the light to be positioned horizontally or vertically with 160 degree rotation
- 100 degree angle of illumination
- Available in 12, 24, 36, and 48-inch lengths

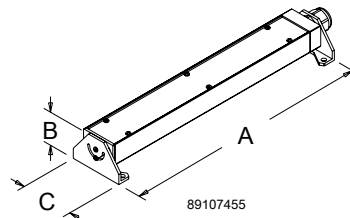
Indoor/Outdoor LED Light

- Robust construction design for suitable outdoor applications; IP66
- Minimum power consumption and superior lighting with 12-24 VDC power input
- Maximum lighting with 459 lumens output
- 360 degree rotation allows flexible and versatile mounting
- 100 degree angle of illumination

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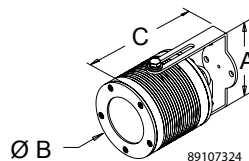
Standard Product Standard LED Light

Catalog Number	AxBxC in./mm	Description	Weight (lbs.)	Weight (kg)	VDC	Amps	Estimated light output LMS
LEDHL24V12	13.56 x 1.69 x 2.69 344 x 43 x 68	LED Light, 12-in.	0.7	0.3	24	0.33	558
LEDHL24V24	25.06 x 1.69 x 2.69 636 x 43 x 68	LED Light, 24-in.	1.4	0.6	24	0.66	1116
LEDHL24V36	36.04 x 1.69 x 2.69 916 x 43 x 68	LED Light, 36-in.	2.1	0.9	24	0.99	1674
LEDHL24V48	47.06 x 1.69 x 2.69 1195 x 43 x 68	LED Light, 48-in.	2.8	1.2	24	1.32	2256



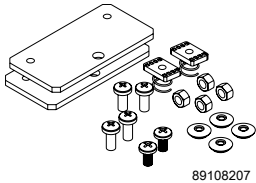
Standard Product Indoor/Outdoor LED Light

Catalog Number	AxBxC in./mm	Description	Weight (lbs.)	Weight (kg)	VDC	Amps
LEDHL24VCAN	3.74 x 3.48 x 5.62 95 x 88 x 143	LED Light, Indoor/Outdoor	2.3	1.0	12-24	0.66 - 0.35



REPLACEMENT HARDWARE KIT FOR HAZARDOUS LOCATION LED LIGHTS

Replacement Hardware Kit is available for the replacement of lost or damaged hardware supplied with Hazardous Location LED lights. Kit includes bracket adapter plate, all mounting hardware and complete instructions.



BULLETIN: HLY

Catalog Number	Description
AHKC1D2LED	Replacement Hardware Kit

HAZARDOUS LOCATION DOOR SWITCH



APPLICATION

The Hazardous Location Door Switch is designed to be used with Hoffman Hazardous Location LED Lights in Class 1, Division 2 hazardous areas. The included hardware kit allows the door switch to easily be mounted and maintain the enclosure rating up to UL Type 4X. This versatile switch activates the LED light when the enclosure door is opened and can be mounted on any flange of the enclosure. The included five-foot connect cable allows ease of wiring to the enclosure back panel.

BULLETIN: HLY

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Switch Rating

Explosion-proof for Class 1, Division 2, Groups A, B, C, and D
FM Approved to Standard Class 3600, 3615-1989

Catalog Number	Description	Max. Voltage	Operating Temperature	Max. load
LEDHLSWITCH	Door Switch, C1D2	30 VDC / 5 Amps	-40 F (40 C) to 194 F (90 C)	5 Amps at 30 VDC