

Industrial and Hazardous Location LED Lighting

# IR7 Hazardous-Location Linear LED

Four high-output configurations for Class I and Class II Division 2 applications.



IR7 complete housing and lens assembly

CONFIGURATIONS  
**4 documented models**

POWER RANGE  
**80 W to 240 W**

INPUT  
**120-277 V multi-volt**

LED ARRAYS  
**2, 3, 4, or 6 strips**

## Documented Hazardous-Location Classifications



**Class I, Division 2**  
Groups A, B, C, and D



**Class II, Division 2**  
Groups F and G

### Listings and Classifications

- UL 1958 - United States and Canada
- UL 844 - Class I, Division 2, Groups A-D

Confirm the current listing file and exact ordered catalog number at quote.



### Manufacturer-provided procurement information

Buy American Act, Made in USA and TAA procurement information is available for IR7. Confirm project-specific eligibility and request current supporting documentation with the quote.

Hazardous-Location Linear LED

# IR7 Models and Technical Details

Class I Division 2 and Class II Division 2

| Catalog Number  | LED Strips | Power | Input     | Typical Output    |
|-----------------|------------|-------|-----------|-------------------|
| IR7-4-2-LED-UNV | 2 x 40 W   | 80 W  | 120-277 V | Confirm at quote* |
| IR7-4-3-LED-UNV | 3 x 40 W   | 120 W | 120-277 V | Confirm at quote* |
| IR7-4-4-LED-UNV | 4 x 40 W   | 160 W | 120-277 V | Confirm at quote* |
| IR7-4-6-LED-UNV | 6 x 40 W   | 240 W | 120-277 V | Confirm at quote* |

\* Output requires confirmation.

Request current lumen data and the applicable photometric file for the ordered strip configuration.

## Approximate Dimensions and Weight

LENGTH

51 1/2 in

WIDTH

15 5/8 in

HEIGHT

6 1/4 in

WEIGHT

40 lb

## Construction

- 18-gauge steel housing with white powder coating
- Hinged driver entry and front access
- Hinged front door with zinc latches
- 3/16 in tempered glass

## Mounting and Options

- Surface-mounted or suspended installation
- Adjustable surface mount
- Cable mount or chain mount
- Adjustable brackets

## Warranty and Emergency Option

Five-year fixture warranty from delivery against manufacturing defects; driver warranty is provided by the driver manufacturer.

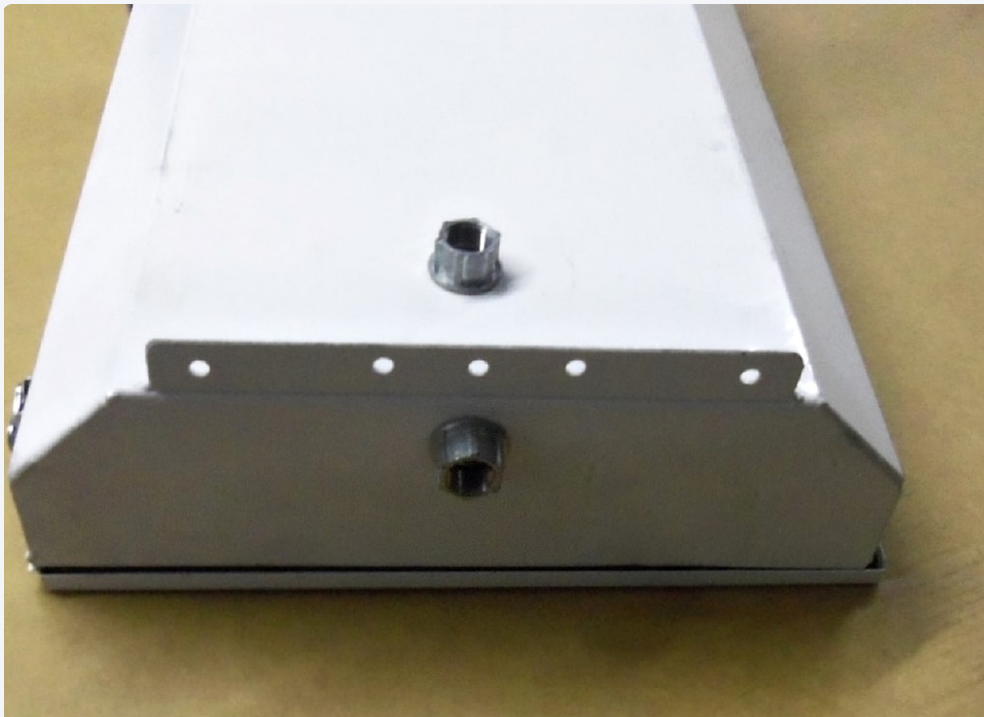
**Emergency battery:** add **EM** to the end of the part number and confirm availability at quote.

**Configuration support:** Confirm the complete catalog number, strip count, emergency suffix and current listing file with the quote.

Installation Reference

# Mounting and LED-Strip Detail

Mounting and LED-strip details paired with searchable installation notes.



Enclosure end and bracket-hole detail



LED array strip reference

01

## Primary chain mount

The end brackets provide the primary chain-mounting points.

02

## Alternate mounting

Documented options include adjustable surface, cable, chain, and adjustable-bracket mounting.

03

## Configuration check

Match the 2-, 3-, 4-, or 6-strip catalog number to the required wattage, then confirm output and the emergency option at quote.

## Installation Responsibility

Use qualified personnel and the current product instructions. Confirm the mounting method, hazardous-location suitability, branch circuit, emergency configuration and ordered listing before installation.

Request the current photometric, certification and installation documents for the selected IR7 configuration.