

# Metal Halide HID Lamp

This electrical lamp produces light through an electric arc, using a gaseous mixture of vaporized mercury and metal halides. The lamp's high luminous efficacy, excellent color rendering, and long lifespan make it suitable for general, stage, and automotive lighting.



## Product Overview

### High-Intensity Discharge Lighting Solution

This Metal Halide HID lamp utilizes an electric arc through a gaseous mixture of vaporized mercury and metal halides to produce intense, high-quality light. Designed for professional applications, it offers high luminous efficacy, excellent color rendering, and a long operational lifespan. The construction features a durable fused quartz or ceramic arc tube enclosed within a protective glass bulb, ensuring reliable performance for general, stage, and automotive lighting needs.

## Technical Specifications

Lamp Type	Metal Halide HID (High-Intensity Discharge)
Light Generation	Electric arc through mercury and metal halide vapor
Construction Materials	Fused Quartz, Ceramic, Glass

## Performance Features

### Key Performance Benefits

- High luminous efficacy
- Excellent color rendering
- Long operational lifespan
- Versatile spectral output

## Applications

### Typical Applications

General Lighting • Stage Lighting • Automotive Lighting