

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