



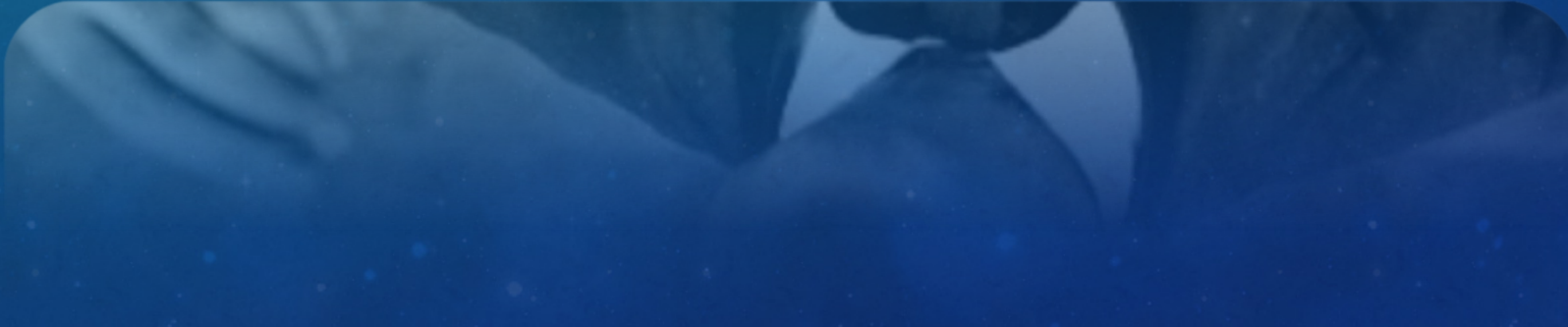
A BRIEF HISTORY OF LIGHT

UNDERSTANDING TRADITIONAL LIGHT SOURCES AND HOW THEY OPERATE

Dave Inman
Director of Specifications
Lighting Unlimited Scottsdale, Arizona

THE FIRST LIGHT SOURCE

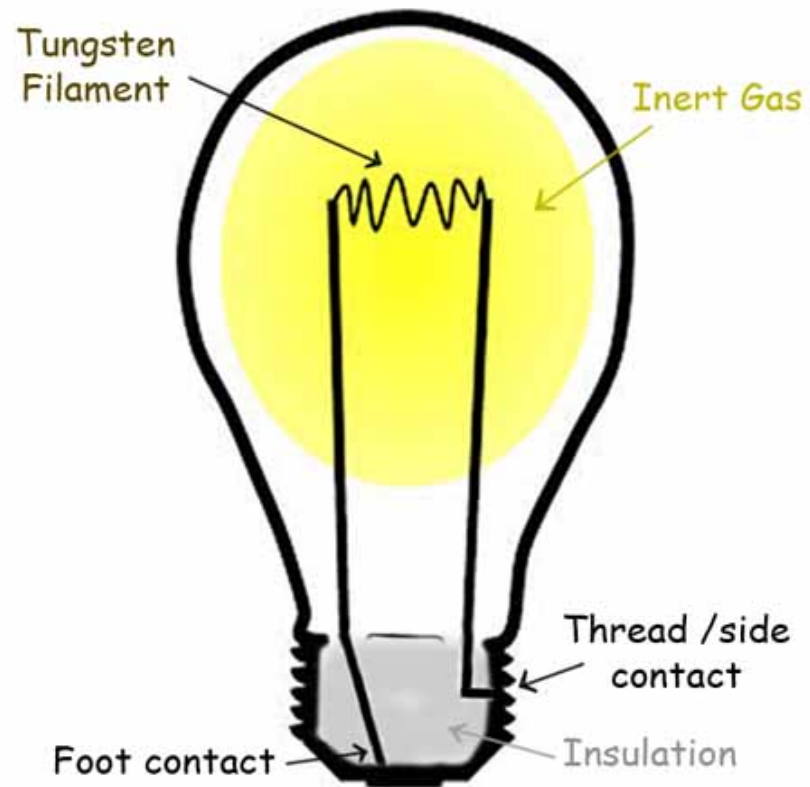




FILAMENT LAMPS



HOW IT WORKS



electricalcommunity.com

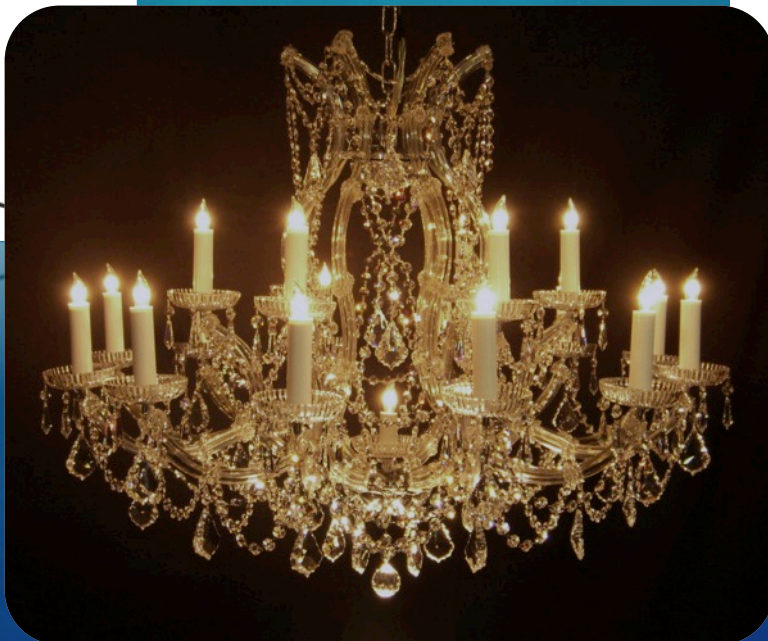
Incandescent Lamp

Incandescent Lamp

electricalcommunity.com

Foot contact Insulation

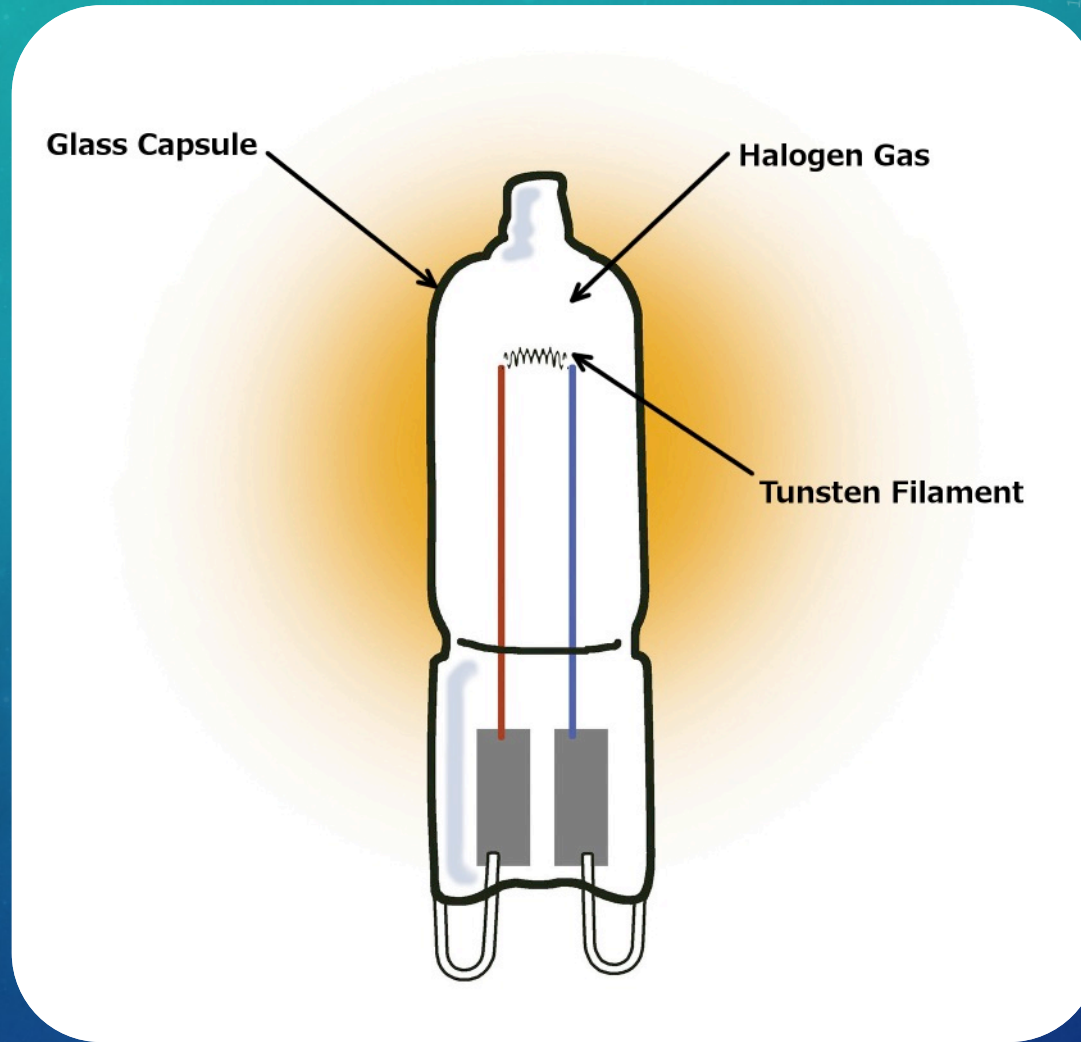
APPLICATIONS



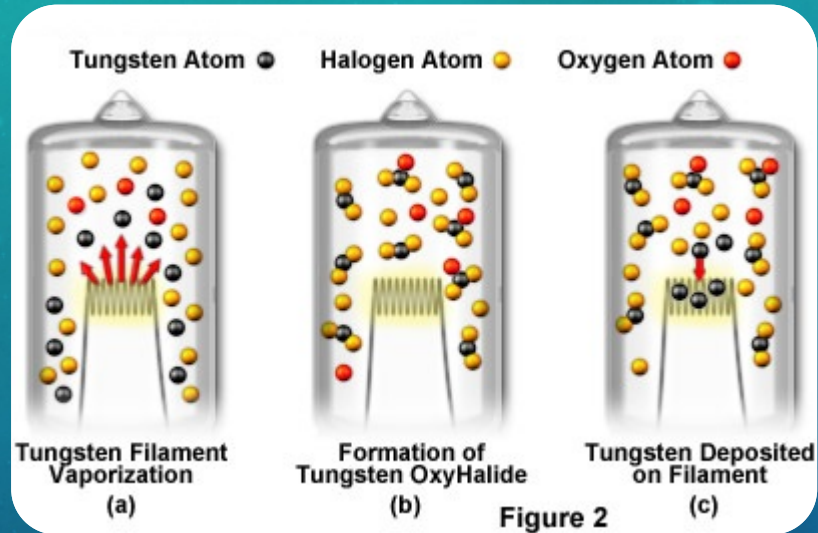
HALOGEN LAMPS



THE HALOGEN CYCLE

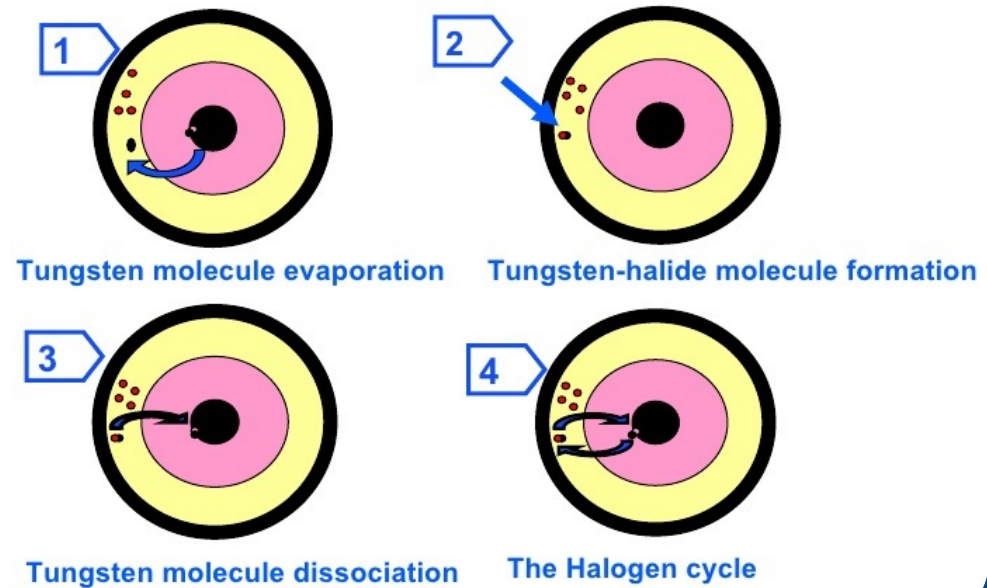


HOW IT WORKS



PHILIPS

The halogen cycle



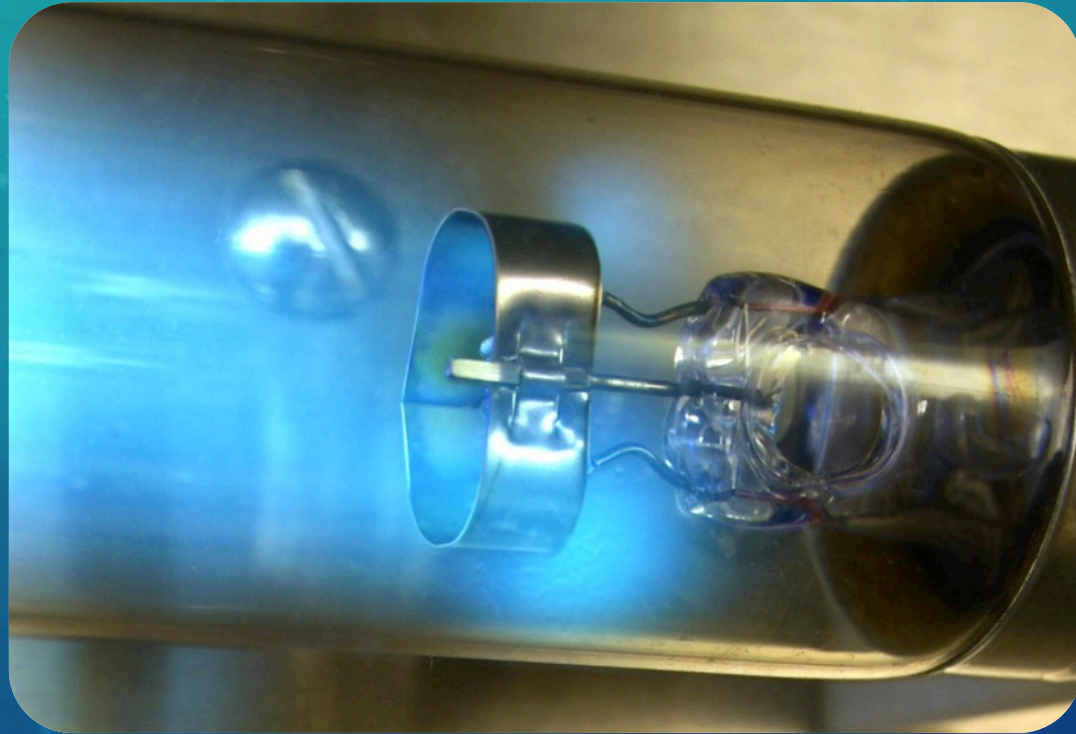
APPLICATIONS



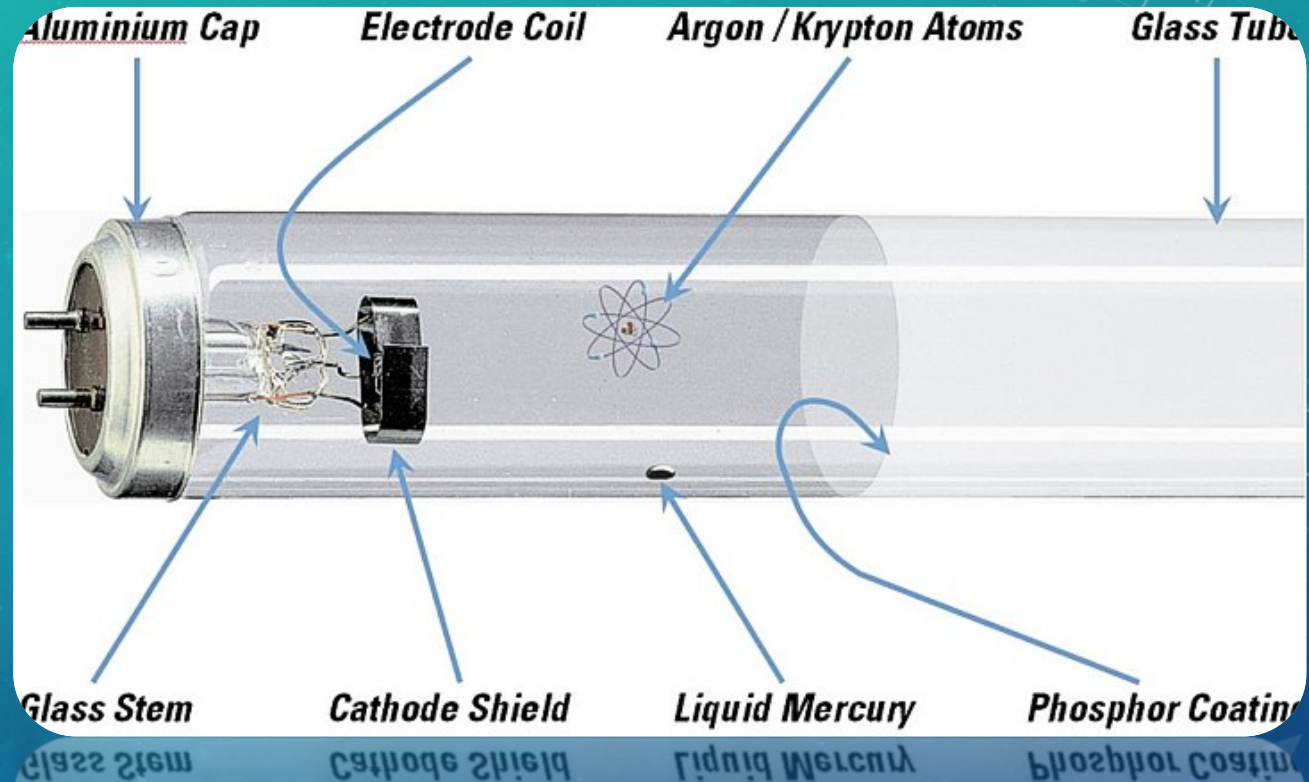
FLUORESCENT



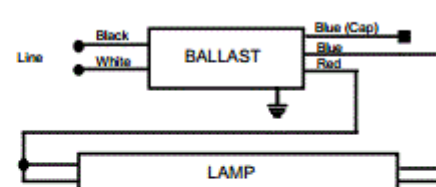
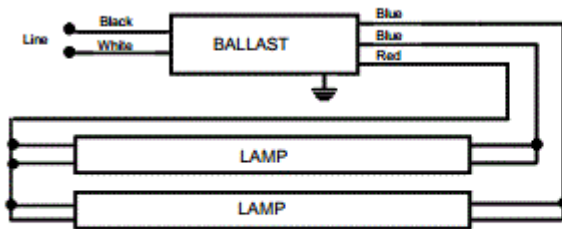
STEP ONE MAKE AN ARC



WHAT'S INSIDE?



Manufactured in North America



For one lamp application, individually cap blue leads, insulate to 600 volts

Ballast must be grounded in accordance with national and local electrical codes.

NEMA
Premium

APPLICATIONS



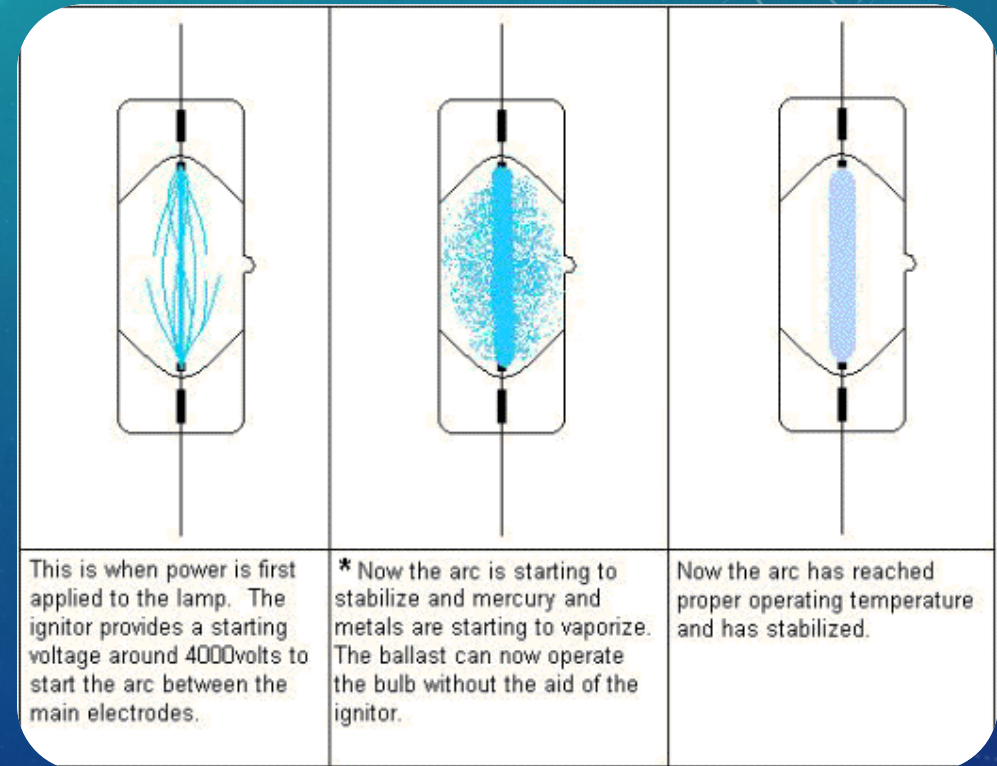
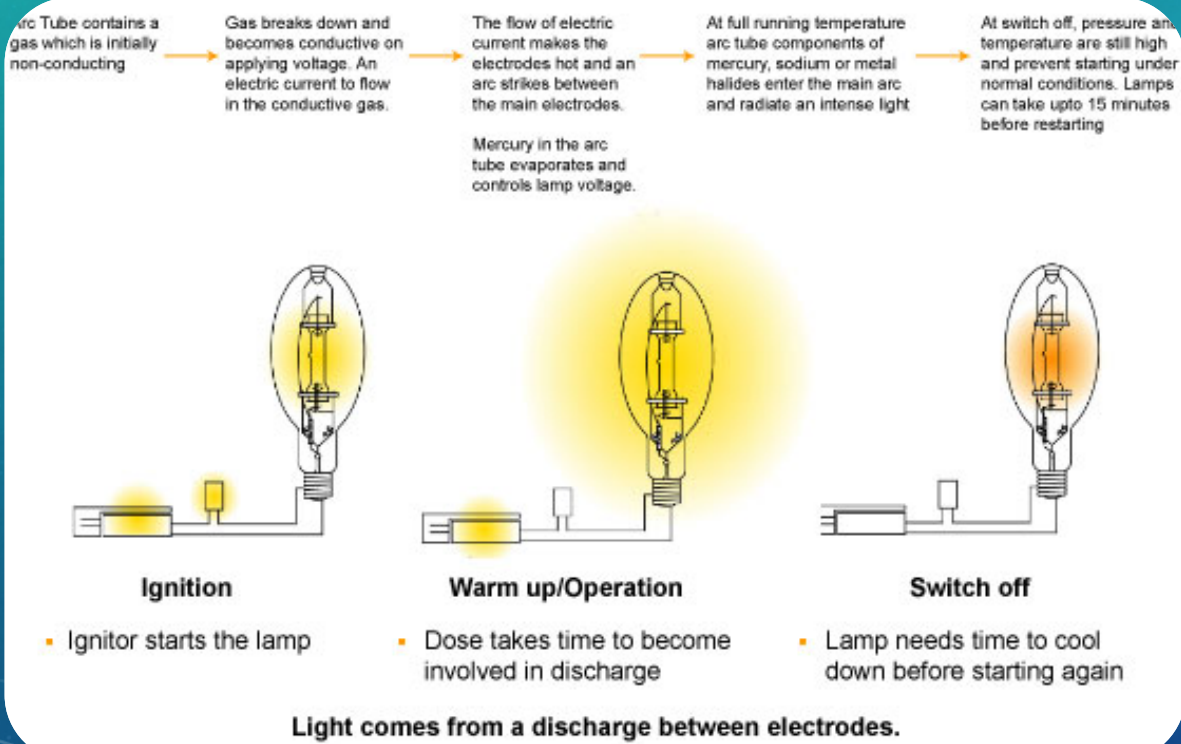
HIGH INTENSITY DISCHARGE LAMP



ALWAYS START WITH AN ARC

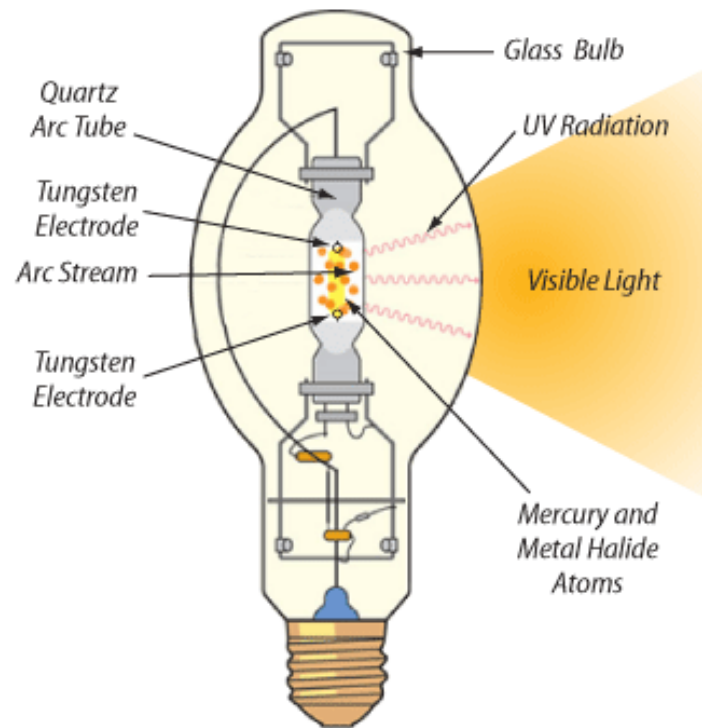


HOW IT WORKS



A CLOSER LOOK

High-Intensity Discharge



APPLICATIONS



GOOD BYE LIGHT BULB
WE'LL MISS YOU

