

Ensure Your HID Lamps are NEC 2005 Code Compliant and Safe with Shat-R-Shield



NEC 410.73 General

(F) High Intensity Discharge Luminaire

Luminaires containing metal halide lamps... must be provided with a containment barrier that encloses the lamp **or the luminaire must only allow the use of a Type "O" lamp.**

This code change affects all new construction sites or major renovations that use metal halide lamps.

Shat-R-Shield Offers

... "O" Rated, metal halides that are designed to meet the ANSI containment test for the installation of a metal halide lamp **in an open fixture.**

Our plastic-coated MP-type lamps (shrouded arc-tube with thicker bulb wall) satisfy **FDA, USDA & OSHA** requirements concerning exposed glass in critical areas. That shatter-resistant, plastic coating is **NSF®** and **UL® EPH** certified. MP-type HID lamps are offered in 9-models to provide **safety** plus **NEC 2005** compliance.

Safety & Performance

If a Shat-R-Shield lamp is accidentally dropped or broken, virtually all glass and other lamp elements are safely contained within the clear and tough, skin-tight plastic coating. Shat-R-Shield HID lamps are found in warehouse, retail, grocery, airplane hangar, food processing, educational and other institutional applications - *where safety and performance are important issues.*

Shat-R-Shield suggests that shatterproof HID lamps be inspected and replaced if the coating material is compromised due to temperature extremes.

SHAT-R-SHIELD IS AVAILABLE THROUGH:

Meets FDA, OSHA, CFIA
(Canadian Food Inspection
Agency) and Mexican
Department of Agriculture,
Livestock and Rural
Development Regulations

CERTIFIED



ANSI/NSF 2
Fabricated Food Service Equipment
<38EJ>

shat-r-shield®
INC.
PLASTIC-COATED, SHATTERPROOF LAMPS & LIGHTING PRODUCTS

Safe • NEC Compliant • Cost-Effective • HID Solutions

With electrical code compliance, **safety** and **cost** are paramount issues. Shat-R-Shield, safety-coated HID lamps offer solutions.

Be Informed - 2005 NEC revisions relating to HID lighting, specifies containment barriers on lighting fixtures must be provided unless using **Type "O"** lamps.

Be Safe - Shat-R-Shield's plastic-coated "O" rated lamps satisfy NEC code plus adhere to FDA, USDA and OSHA regulations; coatings are certified by NSF and UL EPH.

Be Compliant - With MP, "O" rated metal halide lamps, enclosed fixtures are not necessary. Enclosed fixtures are expensive, less compact, reduce lumen output and can be receptacles for dirt and insects. Offer your customers the greatest possible protection -- Shat-R-Shield, safety-coated, MP lamps.

Shat-R-Shield MP-Type, HID Lamps

UPC Catalog Order #	Product	Pack By	Color Temp (°Kelvin)	CRI	Av. Life (hrs.)	Means Lumens	Base
93500S	MP175/BU	6	3000	70	10,000	10,800	EX39
93501S	MP175/IF/BU	6	3800	70	10,000	7,800	EX39
93600S	MP250/BU	6	4000	65	10,000	17,000	EX39
93601S	MP250/IF/BU	6	3600	70	10,000	17,000	EX39
93700S	MP360/ES/BU	6	3800	68	20,000	24,200	EX39
93701S	MP360/IF/ES/BU	6	3400	65	20,000	24,200	EX39
93830S	MP350/400/PS/BU	6	3700	65	20,000	23,000	EX39
93800S	MP400/BU	6	3800	65	20,000	25,000	EX39
93801S	MP400/IF/BU	6	3400	70	20,000	25,000	EX39
93510S	MP175/BU/MED	20	3600	65	15,000	10,000	Medium

BU = Burn Base UP **IF** = Inside Frost (otherwise Clear) **ES** = Energy Saving **PS** = Pulse Start
MED = Medium Base (otherwise Mogul Base) **CRI** = Color Rendering Index **Means Lumens** are 40% of rated life
EX39 = Exclusionary Mogul Base - Compatible with Exclusionary Mogul Sockets Used in Open Fixture Applications

Additional MP-Type Lamps Available Upon Request



EX39
Excl. Mogul Base



Fluorecents
Incandescents
HIDs
Halogen PARs
Compact Fluorecents
Germicidals
Globes

shat-r-shield[®] **INC.**
 PLASTIC-COATED, SHATTERPROOF LAMPS & LIGHTING PRODUCTS