



EISA

ENERGY INDEPENDENCE AND SECURITY ACT

2007

Because Prescolite is committed to complying with federal and state legislations that affect our industry, effective Jan. 1, 2009, all Prescolite 150-400W Metal Halide fixtures manufactured for sale in the U.S. will meet Energy Independence and Security Act (EISA) 2007 requirements.

This federal legislation focuses on improving efficiency of certain consumer and electrical products – including Metal Halide fixtures – as well as moving the U.S. toward reduced energy consumption and energy independence.

WHAT IS EISA?

Energy Independence and Security Act (EISA) of 2007.
 - A federal law that moves the U.S. toward less dependence on foreign energy and focuses on reducing energy consumption.
 A portion of this law mandates the efficiency of Metal Halide ballasts.

WHICH PRESCOLITE PRODUCTS ARE AFFECTED?

- All Metal Halide fixtures – both indoor and outdoor – from 150W to 500W
 - Non-compliant products can no longer be manufactured after Dec. 31, 2008
 - EISA does not apply to fixtures manufactured for export outside the United States.

WHY THE SWITCH TO PULSE START?

Probe start fixtures in the U.S. will virtually be eliminated and replaced with pulse start technology with more efficient ballasts (88% or higher efficiency). While pulse start ballasts and lamps cost more to manufacture than probe start, there are many benefits associated with pulse start metal halide:

- Improved efficacy (Up to 45% more lumens per watt)
- Improved lumen maintenance (Up to 25% improvement)
- Longer lamp life (Up to 50% improvement)
- Higher CRI (Up to 30% improvement)
- Reduced color shift
- Faster warm-up time (2 minutes vs. 4 minutes)
- Faster restrike (3-4 minutes vs. 15-20 minutes)
- Colder starting temps (-30 degrees to -40 F/C for core and coil ballasts)



Probe Start				EISA Compliant Pulse Start			
Lamp Watts	Mean Lumens*	Life	System Watts	Lamp Watts	Mean Lumens*	Life	System Watts
175	9,100	10,000	210	150	10,500	15,000	185
				175	11,200	15,000	198
250	13,500	10,000	295	250	16,625	15,000	291
400	24,000	20,000	458	400	29,820	20,000	452

*Based on Phillips lamp data data

WHEN DOES EISA TAKE EFFECT?

- Effective January 1, 2009: All Prescolite 150-400W Metal Halide fixtures manufactured for sale in the U.S. will meet EISA requirements.

WHAT ABOUT CURRENT STOCK AND EXISTING INSTALLATIONS?

- EISA does not affect existing installations or inventory of non-compliant product
- Inventory of non-complaint fixtures manufactured through December 31, 2008 may be sold until depleted.
- Replacement probe start ballasts and lamps will continue to be available for existing installations

WHICH PRESCOLITE PRODUCT FAMILIES ARE AFFECTED?

In wattage range 150 – 400W ONLY. [All wattages below 150W remain unchanged.]

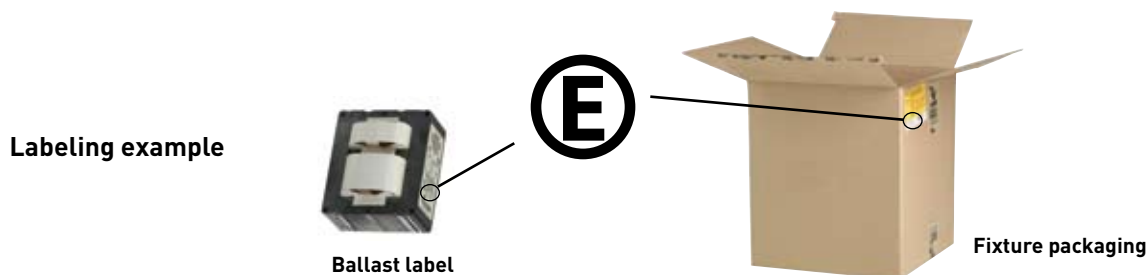
Architektur	LiteFrame®	LiteForms®
RHD6/8 T6 ●	LFHSQL-175MH ●	HD13 ●
RHD801 up to150W ● /175W ●	LFHSQL-H13 ●	HV13 ●
RHD802 up to150W ● /175W ●	LFHL-V12 ●	
79M ● (150W only)	LF8MH150EB ●	
1061M ● (150 – 250W only)	LFHL-H13 ● (replace with LFHL-H10)	
1062M ●		
1238M ●		
1227 ● (replace with 79M)		
1289 ● (no replacement)		
1475 ● (replace with A6MH)		
1586 ● (replace with A6MH)		

CROSSOVER NOTES:

Current:	Changes to:
● "EB" electronic ballasts	already meet EISA requirements, adding circle E labels
● Magnetic F-can probe start ballasts and lamps	EISA complaint electronic ballast, pulse start lamps with "EB" in nomenclature
● Core and Coil probe start ballasts and lamps	EISA compliant Core and Coil pulse start ballasts and lamps with "P" in nomenclature
● To be discontinued	For your convenience, Prescolite suggests alternatives for discontinued products that will be affected by EISA requirements. Suggested replacements above are not equivalent. Consult product spec sheet for suitability in application.

HOW WILL EISA COMPLIANT PRODUCTS BE IDENTIFIED?

To comply with EISA, all fixtures meeting the requirements must have a capital letter "E" printed within a circle on the product carton, the ballast, and marketing materials as specified by the Federal Trade Commission (FTC).



Prescolite is 100% committed to supporting government efforts to conserve energy and will comply with all Metal Halide requirements included in EISA.



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