

**PHILIPS  
ADVANCE**

Magnetic Ballasts



# DOE Restriction on Magnetic Ballasts

## A Guide to Affected Philips Advance Ballasts and Replacement Options

Circle November 14, 2014, on your calendar. The Department of Energy (DOE), under 10 CFR Part 430, mandates November 14 as the last day for the manufacture or import of electromagnetic ballasts that do not meet the minimum BLE (ballast luminous efficiency) level as set forth in the DOE regulation. This regulation affects many electromagnetic T12 and T8 fluorescent ballasts that operate 4 ft. and 8 ft. rapid start lamps, 4 ft. and 8 ft. instant start lamps and 4 ft. and 8 ft. high output lamps, as well as sign ballasts that operate 8 ft. high output lamps.

While Philips Advance can no longer manufacture or import affected electromagnetic ballasts after November 14, ballasts in inventory by that date can be sold until stock is depleted. A list of affected Philips Advance ballasts and recommended replacements is provided in the chart on the back page. Very high output, choke and compact magnetic fluorescent ballasts are not impacted.

For more information, please contact your Grainger Sales Representative.

### Important Information

- Nov. 14, 2014, is the last day for the manufacture or import electromagnetic fluorescent ballasts that do not meet the minimum BLE standards required by 10 CFR Part 430.
- Many of our electromagnetic fluorescent ballasts are affected by 10 CFR Part 430.
- Philips Advance ballasts that are in inventory in the U.S. by Nov. 14 can be sold until stock is depleted.
- More information about CFR Part 430, Energy Conservation Program: Energy Conservation Standards for Fluorescent Lamp Ballasts, can be found at the Federal Register ([www.federalregister.gov](http://www.federalregister.gov)). It may be helpful to search using the document number: FR Doc. 2011-28451.

## Magnetic fluorescent ballasts that cannot be manufactured after Nov. 14, 2014, per DOE 10 CFR Part 430

800mA Material Affected	Material Description	Direct Replacement	Indirect Replacement*	Alternative Recommendation†
3X961	MAG BALLAST (2) F96T12/HO 120V	4VMY7		
6V856	MAG WP BALLAST (2) F72T12/HO 120V			No weatherproof ballast option available
6V858	MAG BALLAST (2) F72T12/HO 120V			4VMY7 (different dimensions, lamp types, ballast factor)
6V862	MAG BALLAST (4) F48T12/HO 120V			(2) 4VMY7 (different dimensions, lamp types, ballast factor)
6V880	MAG BALLAST (1) F96T12/HO 120V	4VMY7		
3X962	MAG BALLAST (2) F96T12/HO 277V	4VMY7		
6V920	MAG BALLAST (2) F72T12/HO 277V			4VMY7 (different dimensions, lamp types, ballast factor)
6V944	MAG BALLAST (1) F96T12/HO 277V	4VMY7		

Household Material Affected	Material Description	Direct Replacement	Indirect Replacement*	Alternative Recommendation†
2W769	MAG BALLAST (1) F40T12 PH 120V			Change to eFluo w/ XL lamp, re-wire fixture, or retrofit your fixture with the Philips EvoKit LED Retrofit Kit
5X788	MAG BALLAST (1) F40T12 RS 120V			Change to eFluo w/ XL lamp, re-wire fixture, or retrofit your fixture with the Philips EvoKit LED Retrofit Kit

Rapid Start Material Affected	Material Description	Direct Replacement	Indirect Replacement*	Alternative Recommendation†
6V889	MAG BALLAST (1) F32T8 RS 120V	3HHH4		
6V613	MAG BALLAST (2) F32T8 RS 120V	2MCX5		
3VK01	MAG BALLAST (4) F40T12 RS 120V	(2) 4FZN3		
6V899	MAG BALLAST (2) F40T12 RS 120V	5ZND2		
6V959	MAG BALLAST (2) F32T8 RS 277V	2MCX5		

Slimline Material Affected	Material Description	Direct Replacement	Indirect Replacement*	Alternative Recommendation†
3X963	MAG BALLAST (1) F96T12 SLIMLINE 120V	4VMY6		
6V907	MAG BALLAST (1) F48T12 SLIMLINE 120V			Retrofit your fluorescent troffer to LED using the Philips EvoKit LED Retrofit Kit
2W772	MAG BALLAST (2) F48T12 SLIMLINE 120V			Retrofit your fluorescent troffer to LED using the Philips EvoKit LED Retrofit Kit
6V943	MAG BALLAST (2) F48T12 SLIMLINE 277V			Retrofit your fluorescent troffer to LED using the Philips EvoKit LED Retrofit Kit

Sign Ballast Material Affected	Material Description	Direct Replacement	Indirect Replacement*	Alternative Recommendation†
6V820	SIGN BALLAST (1-2) T12/HO 4-12FT 120V		35XR86	
6V821	SIGN BALLAST (2-4) T12/HO 6-20FT 120V		35XR88	
6V822	SIGN BALLAST (2-4) T12/HO 12-24FT 120V		35XR88	
6V823	SIGN BALLAST (4-6) T12/HO 12-40FT 120V		35XR89	
6V824	SIGN BALLAST (2-4) T12/HO 20-40FT 120V		35XR88	
3V992	SIGN BALLAST (4-6) T12/HO 24-48FT 120V		35XR89	

\* Must re-wire fixture for indirect replacement ballast to operate properly.

† Philips does not offer a direct or indirect replacement ballast. There are several options for "alternatives" to achieve lighting compliance in your application.

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GR-1402FL 10/14



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