

# Shifting Toward Higher Efficiency

## Energy Saving Solutions for Lighting Legislation

To conserve the nation's energy resources, the U.S. Congress has passed multiple legislative acts with numerous benefits for the economy and the public.

GE Lighting is dedicated to helping you understand these requirements and providing energy saving alternatives to meet your specific needs.



imagination at work



# Energy Efficiency Legislation Update

To promote greater lighting efficiency and smarter energy use, the U.S. Congress has passed energy efficiency legislation with numerous benefits for the economy and the public.

## 2005 Energy Policy Act

Established minimum efficiency requirements, incentives and research dollars for lamps, ballasts, fixtures and LEDs.






## 2007 Energy Independence & Security Act

Established minimum efficiency requirements for halogen and incandescent lamps beginning January 1, 2012.

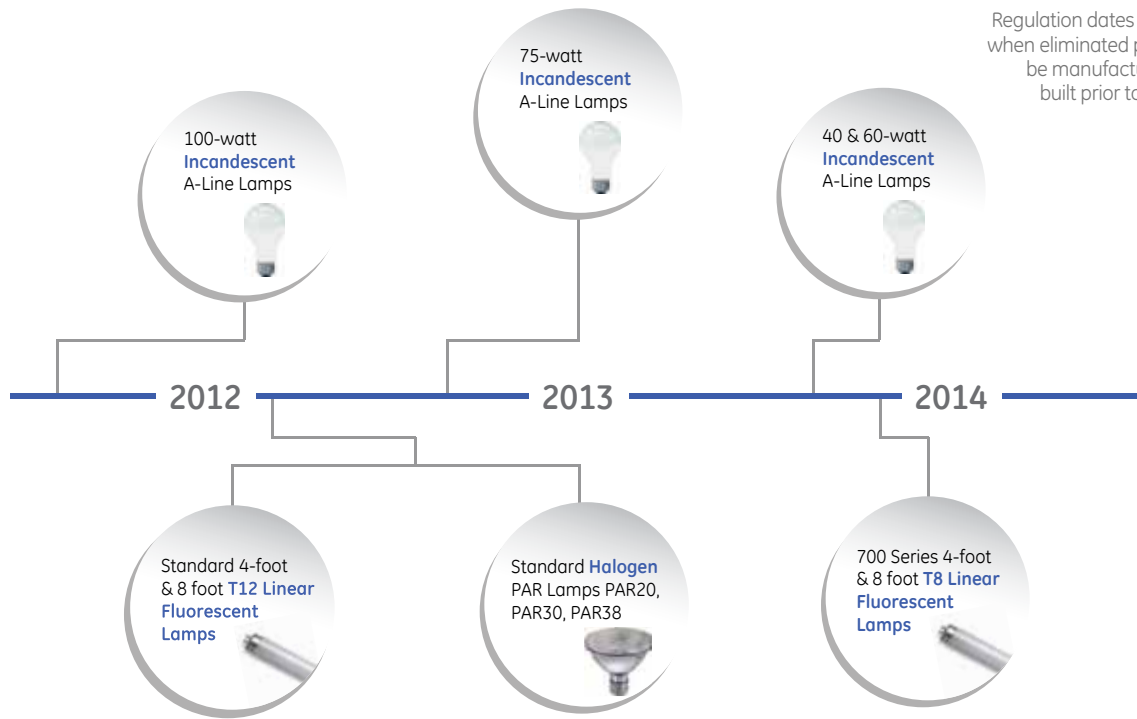
## 2009 Department of Energy Regulations

In July of 2012, lumens per watt (LPW) requirements were placed on standard 4 ft, 8 ft linear & U shaped T12 lamps and Halogen PAR lamps. The 700 series T8 General Service Fluorescent Lamps (GSFLs) received a 2 year extension with a new effective date of July 14, 2014. After this date, these lamps can no longer be manufactured, or imported.

See below for replacement options:

Current T8 Products			Option 1 Improved Performance		Option 2 Improved Performance with Longer Life	
	Product Code	Description	Product Code	Description	Product Code	Description
	32W		32W		32W	
 4' T8 Lamps	26666	F32T8/SP30/ECO	66347	F32T8/SPP30/ECO	73093	F32T8/SXL/SPX30/ECO
	26667	F32T8/SP35/ECO	66348	F32T8/SPP35/ECO	73094	F32T8/SXL/SPX35/ECO
	26668	F32T8/SP41/ECO	66349	F32T8/SPP41/ECO	73095	F32T8/SXL/SPX41/ECO
	16090	F32T8/SP50/ECO	66350	F32T8/SPP50/ECO	73096	F32T8/SXL/SPX50/ECO
	16091	F32T8/SP65/ECO	66342	F32T8SPX65/ECO2		
 4' T8 Lamps Long Life	27616	F32T8/XL/SP30/ECO	68854	F32T8/XL/SPX30E2	73093	F32T8/SXL/SPX30/ECO
	27617	F32T8/XL/SP35/ECO	68855	F32T8/XL/SPX35E2	73094	F32T8/SXL/SPX35/ECO
	27618	F32T8/XL/SP41/ECO	68856	F32T8/XL/SPX41E2	73095	F32T8/SXL/SPX41/ECO
 4' T8 Lamps ProLine	63542	F32T8/730/PRO/EC	63546	F32T8/830/PRO/EC	73093	F32T8/SXL/SPX30/ECO
	63543	F32T8/735/PRO/EC	63547	F32T8/835/PRO/EC	73094	F32T8/SXL/SPX35/ECO
	63544	F32T8/741/PRO/EC	63548	F32T8/841/PRO/EC	73095	F32T8/SXL/SPX41/ECO
	63545	F32T8/750/PRO/EC	63549	F32T8/850/PRO/EC	73096	F32T8/SXL/SPX50/ECO
	59W		59W			
 8' T8 Lamps Single Pin	28105	F96T8/SP30/ECO	68868	F96T8/XL/SPX30/2		
	28106	F96T8/SP35/ECO	67969	F96T8/XL/SPP35		
	28125	F96T8/SP41/ECO	67970	F96T8/XL/SPP41		
	41889	F96T8/XL/SP30	68868	F96T8/XL/SPX30/2		
	41890	F96T8/XL/SP35	67969	F96T8/XL/SPP35		
	41891	F96T8/XL/SP41	67970	F96T8/XL/SPP41		
	32W		32W			
 T8 U Lamps	10479	F32T8/SP30/U/6	68920	F32T8/SPX30/U6/2		
	23585	F32T8/SP35/U/6	68921	F32T8/SPX35/U6/2		
	10480	F32T8/SP41/U/6	68922	F32T8/SPX41/U6/2		

Regulation dates noted above determine when eliminated products may no longer be manufactured; existing inventory built prior to the effective date may be sold until exhausted.



**Option 3**  
Good Energy Savings

**Option 4**  
Better Energy Savings

**Option 5**  
Best Energy Savings

Product Code	Description	Product Code	Description	Product Code	Description
28W		25W		LED Solution	
72863	F28T8/XL/SPX30/ECO	72128	F32T8/25W/SPX30/ECO		
72864	F28T8/XL/SPX35/ECO	72129	F32T8/25W/SPX35/ECO	94381	LED21T8/4/835 (Note: UL Type C Requires a Driver)
72866	F28T8/XL/SPX41/ECO	72130	F32T8/25W/SPX41/ECO	94382	LED21T8/4/840 (Note: UL Type C Requires a Driver)
72867	F28T8/XL/SPX50/ECO	72131	F32T8/25W/SPX50/ECO	94383	LED21T8/4/850 (Note: UL Type C Requires a Driver)
66346	F28T8/XL/SPX65ECO				
72863	F28T8/XL/SPX30/ECO	72128	F32T8/25W/SPX30/ECO		
72864	F28T8/XL/SPX35/ECO	72129	F32T8/25W/SPX35/ECO	94381	LED21T8/4/835 (Note: UL Type C Requires a Driver)
72866	F28T8/XL/SPX41/ECO	72130	F32T8/25W/SPX41/ECO	94382	LED21T8/4/840 (Note: UL Type C Requires a Driver)
72863	F28T8/XL/SPX30/ECO	72128	F32T8/25W/SPX30/ECO		
72864	F28T8/XL/SPX35/ECO	72129	F32T8/25W/SPX35/ECO	94381	LED21T8/4/835 (Note: UL Type C Requires a Driver)
72866	F28T8/XL/SPX41/ECO	72130	F32T8/25W/SPX41/ECO	94382	LED21T8/4/840 (Note: UL Type C Requires a Driver)
72867	F28T8/XL/SPX50/ECO	72131	F32T8/25W/SPX50/ECO	94383	LED21T8/4/850 (Note: UL Type C Requires a Driver)
54W		49W			
47072	F96T8/XL/SP30WMP	79401	F96T8/49W/SPX30		
47076	F96T8/XL/SP35WMP	79402	F96T8/49W/SPX35		
47103	F96T8/XL/SP41WMP	79403	F96T8/49W/SPX41		
47072	F96T8/XL/SP30WMP	79401	F96T8/49W/SPX30		
47076	F96T8/XL/SP35WMP	79402	F96T8/49W/SPX35		
47103	F96T8/XL/SP41WMP	79403	F96T8/49W/SPX41		
28W					
67394	F28T8/SPX30/U6EC				
67395	F28T8/SPX35/U6EC				Lumination™ Recessed Troffer 2x2 (Fixture Replacement)
67396	F28T8/SPX41/U6EC				Lumination™ Recessed Troffer 2x2 (Fixture Replacement)

Longer life and additional energy savings options are available. Ask your GE Sales Representative or visit [gelighting.com](http://gelighting.com) today.