

Healthcare Lighting Energy Saving Upgrade Guide

Sustainable solutions help create a positive atmosphere and control operational costs



Retrofit Solutions—Upgrade your system by simply upgrading the lamps

CURRENT LAMP	PHILIPS ENERGY SAVING UPGRADE PRODUCT	RATED AVERAGE LIFE [§]	ENERGY SAVINGS (PER LAMP)	WATTS SAVED (PER LAMP)	ADDED BENEFITS	BENEFIT OF UPGRADING
Standard 32W 4ft T8	Philips Energy Advantage T8 XLL 25W 4ft featuring ALTO II™ Technology	40,000 hrs. @ 12 hr. Instant Start	\$28.00 [†]	7W ^{††}		<ul style="list-style-type: none"> Only 1.7 mg of mercury 97% lumen maintenance Fully dimmable without burn-in 48 month warranty period
Standard 32W 4ft T8	Philips Energy Advantage T8 25W 4ft featuring ALTO II™ Technology	30,000 hrs. @ 12 hr. Instant Start	\$21.00 [†]	7W ^{††}		<ul style="list-style-type: none"> Only 1.7 mg of mercury 97% lumen maintenance Fully dimmable without burn-in 36 month warranty period
Standard 32W T8 U-Bent	Philips Energy Advantage T8 U-Bent 25W featuring ALTO® Lamp Technology	24,000 hrs. @ 12 hr. Instant Start	\$16.80 [†]	7W ^{††}		<ul style="list-style-type: none"> Sustainable lighting solution—reduces the impact on the environment with only 3 mg of mercury per lamp 36 month warranty period
Standard 40W PL-L	Philips Energy Advantage PL-L 25W featuring ALTO® Lamp Technology	24,000 hrs. @ 12 hr. Start	\$16.80 [†]	7W ^{††.1}		<ul style="list-style-type: none"> 18% Energy Savings vs. the Standard 40W PL-L¹ Only 1.4 mg of mercury 95% lumen maintenance
Standard 32W PL-T	Philips Energy Advantage PL-T 27W featuring ALTO® Lamp Technology	20,000 hrs. @ 12 hr. Start	\$10.00 [†]	5W ^{††.2}		<ul style="list-style-type: none"> 88% lumen maintenance 15.6% Energy Savings vs. the Standard 32W PL-T² Only 1.4 mg of mercury
Standard 26W PL-C	Philips Energy Advantage PL-C 21W featuring ALTO® Lamp Technology	16,000 hrs. @ 12 hr. Start	\$8.00 [†]	5W ^{††.3}		<ul style="list-style-type: none"> 88% lumen maintenance 19% Energy Savings vs. the Standard 36W PL-C³ Only 1.4 mg of mercury

§ Rated average life is the length of operation (in hours) at which point an average of 50% of a large sample of lamps will still be operational and 50% will not.

† Based on (wattage saved) multiplied by (upgrade product rated average life) divided by (1000 x kWh rate (.10)) = Amount saved in dollars.

†† Current lamp watts - Upgrade watts.

1. On Instant Start ballast, a standard 40W PL-L only draws 32W, so the actual savings is 7W (32W-25W=7W). This is an energy savings of 18% over the standard 40W PL-L (7W/40W=18%).

2. The actual savings when switching from a standard 32W PL-T to a Philips Energy Advantage 27W PL-T is 5W (32W-27W=5W and 5W/32W=15.6%).

3. The actual savings when switching from a standard 26W PL-C to a Philips Energy Advantage 21W PL-C is 5W (26W-21W=5W and 5W/26W=19%).

See reverse side for System Upgrade Solutions.

DESIRED BENEFITS KEY

- Energy savings
- Long life
- Quality of light
- Low Mercury
- Reduced Maintenance Costs

PHILIPS
sense and simplicity

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System Upgrade Solutions—Replace lamps and ballasts to meet lighting requirements

CURRENT LAMP	CURRENT BALLAST	PHILIPS ENERGY SAVING UPGRADE PRODUCT	RATED AVERAGE LIFE [§]	PHILIPS ADVANCE ELECTRONIC BALLAST UPGRADE	ENERGY SAVINGS	SYSTEM WATTS SAVED	ADDED BENEFITS	BENEFIT OF UPGRADING
Standard 34W 4ft T12	Electromagnetic Ballast	 Philips Energy Advantage T8 XLL 25W 4ft featuring ALTO II™ Technology	40,000 hrs. @ 12 hr. Instant Start	Optanium® High Efficiency Ballast IOP-2P32-LW-SC	\$136[†]	34W^{††}	   	<ul style="list-style-type: none"> • Only 1.7 mg of mercury • Longest life for increased savings on maintenance and recycling costs
Standard 34W 4ft T12	Electromagnetic Ballast	 Philips T8 PLUS 32W 4ft featuring ALTO II™ Technology	36,000 hrs. @ 12 hr. Instant Start	Optanium® High Efficiency Ballast IOP-2P32-LW-SC	\$86[†]	24W^{††}	  	<ul style="list-style-type: none"> • 36 month warranty period • 95% lumen maintenance • Only 1.7 mg of mercury
Standard 34W 4ft T12	Electromagnetic Ballast	 Philips 800 Series T8 32W 4ft featuring ALTO II™ Technology	30,000 hrs. @ 12 hr. Instant Start	Optanium® High Efficiency Ballast IOP-2P32-LW-SC	\$72[†]	24W^{††}	  	<ul style="list-style-type: none"> • 30 month warranty period • 95% lumen maintenance • Only 1.7 mg of mercury • 82 CRI—Excellent color rendering

§ Rated average life is the length of operation (in hours) at which point an average of 50% of a large sample of lamps will still be operational and 50% will not.
[†] Two lamp system. Based on (wattage saved) multiplied by (upgrade product rated average life) divided by (1000 x kWh rate (.10)) = Amount saved in dollars.
^{††} Current lamp watts - Upgrade watts. Based on a two lamp system.

See reverse side for Retrofit Solutions.

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-  Energy savings
-  Long life
-  Quality of light
-  Low Mercury
-  Reduced Maintenance Costs



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