

Linear T5 & T5 High Output (HO) Electronic Program Start Ballasts

More energy efficient than rapid start electronic ballasts or magnetic ballasts.

Ballasts can operate with a variety of bulb sizes and wattages. Ask vendors for appropriate ballast.

SF City staff are required to buy products below that meet these criteria:

Have Class A sound rating, power factor of 90 or greater, and current crest factor of 1.7 or less.

Be high-frequency and operate lamps at a frequency above 42Hz.

Employ end-of-life (EOL) circuitry.

Be multi-volt and run on 120V, 230V and 277V.

Basic Info		Buy it (Replacing a bulb? You don't have to use the same brand. Ask vendors if products below can be used.)	Sample Ordering Code	Notes
Manufacturer	Product Line	SF City depts.: Contact approved vendors below and get <u>discounted prices</u> .		
GE	UltraStart	nsmith@omegapacific.com, 415-642-2195	GE228MVPS-A	
	UltraStart High Output		GE454MVPS90-F	
	UltraStart High Output Dimming		GE180MVPS-D	
Philips	Centium	Troy.Vaughn@regencylighting.com, 415-845-2269	ICN-2S28-N	
	Centium High Output		ICN-2S24-N	
	Optanium		IOP-2S28-115-SC	
	Optanium High Output		IOP-2PSP54-SC	
Sylvania	54-watt QUICKTRONIC QHE 347-480V	armand@maltbyelectric.com, 415-863-5000	QHE 4x54T5HO/347-480 PSN-HT-SCL	High Ambient Temperature
	QUICKTRONIC QHE		QHE 1x28T5/UNV PSN	
	QUICKTRONIC QHE Bi-Level Dimming		QHE S2x28T5/UNV PS90SC	Dimming
	QUICKTRONIC QHE Full Range Dimming		QHE 2x54T5HO/UNV DIM-TCL	Dimming
	QUICKTRONIC QHE High Output		QHE 2x54T5HO/UNV PSN	Also available in "High Ambient Temperature" Model
	QUICKTRONIC QHE High Output DALI Dimming		QHE 1x54T5HO/UNV DALI	DALI ballasts work with DALI controls. Contact DALI control manufacturers for additional details.
	QUICKTRONIC QHE PROstart Universal Voltage System		QHE 2x28T5/UNV PSN-NL	
	QUICKTRONIC High Output Bi-Level Dimming		QS 2x54T5HO/UNV PS80SC	Dimming
	QUICKTRONIC QTP DALI Dimming		QTP 1x14T5/UNV DALI	DALI ballasts work with DALI controls. Contact DALI control manufacturers for additional details.
	80-watt QUICKTRONIC QTP High Output		QTP 1x80T5HO/UNV PSN	
QUICKTRONIC QTP PROstart Universal Voltage System	QTP 2x28T5/UNV PSN			

Circular T5 & T5 HO Electronic Program Start Ballasts

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Philips	Centium Circline	Troy.Vaughn@regencylighting.com, 415-845-2269	ICN-2S24-N	Compatible with 22-watt, 40-watt and 55-watt models. Also compatible with both T5 and T5HO circline lamps.
	SmartMate Circline		ICF-ID38-HI-LD	Compatible with 22 and 40-watt models.
Sylvania	54-watt QUICKTRONIC QHE 347-480V	armand@maltbyelectric.com, 415-863-5000	QHE 4x54T5HO/347-480 PSN-HT-SCL	High Ambient Temperature
	54-watt QUICKTRONIC QHE Full Range Dimming		QHE 2x54T5HO/UNV DIM-TCL	Dimming
	QUICKTRONIC QHE PROstart Universal Voltage System		QHE 2x54T5HO/UNV PSN	Also available in "High Ambient Temperature" model.
	QUICKTRONIC PROStart QTP Universal Dual Entry System		QTP2x26CF/UNV DM	Works with lower wattage models (FPC22 & FPC40).
	QUICKTRONIC PROStart QTP Universal High Ambient Temperature		QTP 2x54T5HO/UNV PSN HT	Compatible with T5 and T5HO circline lamps.