Controllable

Offices | Classrooms | Conference Rooms | Auditoriums




Optanium Step-Dim Programmed Start Electronic Ballasts for F28T5 Lamps

Designed to meet applicable California Title 24 requirements by allowing the end user to reduce power by 50%. Programmed start circuitry provides extended lamp life when used with occupancy sensors or motion detectors, making these ballasts the sustainable choice for many commercial applications.

	No. of Lamps	Input Volts	Philips Advance Model	Input Power (Watts) (max/min)	Ballast Factor (max/min)	Line Current (full output)	THD (full output)	Lamps Operated F28T5					
●	2	120-277	IOP-2S28-95-SC-SD	58/28	0.95/0.35	0.50	<10	2					
●	2	120-277	IOP-2S28-115-SC-SD	71/35	1.15/0.48	0.60	<10	2					

Mark 10® *Powerline* Controllable Programmed Start Electronic Ballasts for 4-Pin CFL Lamps

Mark 10 *Powerline* electronic controllable ballasts for CFL applications combine the long life and energy efficiency of fluorescent technology with the controllability and full-range dimming of incandescent systems. And they're easy to install because they require no additional wiring.

	No. of Lamps	Input Volts	Philips Advance Model	Input Power (Watts) (max/min)	Ballast Factor	Line Current (full output)	THD (full output)	Lamps Operated F26 CFL	F32 CFL	F42 CFL			
●	1	120	REZ-1T42-M2-LD-K	49/10	1.00	0.41	<10	1	1	1			
●	1	277	VEZ-1T42-M2-LD-K	49/10	1.00	0.18	<10	1	1	1			
●	2	120	REZ-2Q26-M2-LD-K	58/16	1.00	0.48	<10	2	–	–			
●	2	277	VEZ-2Q26-M2-LD-K	58/16	1.00	0.21	<1	2	–	–			

Mark 10® *Powerline* Controllable Programmed Start Electronic Ballasts for F32T8 Lamps

Mark 10 *Powerline* electronic controllable ballasts for linear T8 lamps combine the long life and energy efficiency of fluorescent technology with the controllability and full-range dimming of incandescent systems. And they're easy to install because they require no additional wiring.

	No. of Lamps	Input Volts	Philips Advance Model	Input Power (Watts) (max/min)	Ballast Factor	Line Current (full output)	THD (full output)	Lamps Operated F17T8	F25T8	F32T8	F32T8/ ES30W†	F32T8/ ES28W†	F32T8/ ES25W†
●	1	120	REZ-132-SC	35/9	1.00	0.29	<10	1	1	1	1	1	1
●	1	277	VEZ-132-SC	35/9	1.00	0.13	<10	1	1	1	1	1	1
●	2	120	REZ-2S32-SC	68/15	1.00	0.57	<10	2	2	2	2	2	2
●	2	277	VEZ-2S32-SC	68/15	1.00	0.25	<10	2	2	2	2	2	2
●	3	120	REZ-3S32-SC	102/20	1.00	0.86	<10	3	3	3	3	3	3
●	3	277	VEZ-3S32-SC	102/20	1.00	0.37	<10	3	3	3	3	3	3

Mark 7® *0–10V* Programmed Start Electronic Ballasts for F32T8 Lamps

The Mark 7 *0-10V* series of controllable electronic ballasts are ideal for energy management systems in a broad range of commercial, institutional, and retail applications. They offer full-range continuous dimming and help support sustainable (green) design.

	No. of Lamps	Input Volts	Philips Advance Model	Input Power (Watts) (max/min)	Ballast Factor	Line Current (full output)	THD (full output)	Lamps Operated F17T8	F25T8	F32T8	F32T8/ ES30W†	F32T8/ ES28W†	F32T8/ ES25W†
●	1	120-277	IZT-132-SC	35/8	1.00	0.30-0.13	<10	1	1	1	1	1	1
●	2	120-277	IZT-2S32-SC	70/14	1.00	0.57-0.24	<10	2	2	2	2	2	2
●	3	120-277	IZT-3S32-SC	102/20	1.00	0.86-0.37	<10	3	3	3	3	3	3
●	4	120-277	IZT-4S32	116/25	1.00	0.98-0.42	<10	4	4	4	4	4	4

† Consult lamp manufacturer for operation of energy-saving T8 lamps with dimming ballasts

● Smart Solution

Mark 10 *Powerline* ballasts

For companies looking to make their fixed-output linear fluorescent systems more cost-effective and sustainable, Mark 10 *Powerline* electronic ballasts provide an easy solution without the need for additional control leads. Simply wire the ballast into the existing fixtures, replace the switch with a dimmer (the dimming control connects to your existing wiring), confirm that rapid-start sockets are installed, and you are ready to dim the lights.

Mark 7 *0-10V* ballasts

The Mark 7 *0–10V* series of controllable electronic ballasts incorporates separate control leads for use with a wide array of controllers, including occupancy sensors, daylight harvesting controls, and building management systems from more than 30 manufacturers. When paired with energy-efficient linear T8, 4-pin CFL, or T5/HO lamps, Mark 7 *0–10V* ballasts optimize the benefits of such popular sustainable lighting techniques as daylight harvesting, occupancy sensors, and load shedding to drive maximum energy cost savings and reduce environmental impact.