

Offices

Classrooms

Hallways

Restrooms

Healthcare
Facilities

T8

Optanium Programmed Start Parallel Electronic Fluorescent Ballasts for T8 Lamps

No. of Lamps	Input Volts	Philips Advance Model	Lamp Type	Input Power (Watts)	Ballast Factor	Line Current	T8 Lamps Operated						
							F17T8	F25T8	F32T8	F32T8/ES (25W)	F32T8/ES (28W)	F32T8/ES (30W)	F40T8
3	120-277	IOP-3PSP32-SC	F32T8	85-84	0.88	0.71-0.31	2 or 3	2 or 3	2 or 3	2 or 3	2 or 3	2 or 3	
			F32T8/ES (28W)	75-74	0.88	0.62-0.27							
			F32T8/ES (25W)	70	0.88	0.58-0.26							
4	120-277	IOP-4PSP32-SC	F32T8	110-109	0.88	0.93-0.40	3 or 4	3 or 4	3 or 4	3 or 4	3 or 4	3 or 4	
			F32T8/ES (28W)	97-96	0.88	0.81-0.35							
			F32T8/ES (25W)	90	0.88	0.75-0.33							

Optanium Instant Start Electronic Fluorescent Ballasts for T8 Slimline Lamps

These Philips Advance Optanium high-efficiency electronic ballasts are engineered to optimize lighting performance with Slimline lamps.

No. of Lamps	Input Volts	Philips Advance Model	Lamp Type	Input Power (Watts)	Ballast Factor	Line Current	T8 Slimline Lamps Operated				
							F72T8	F96T8/ES (51W)	F96T8/ES (57W)	F96T8	
2	120-277	IOP-2P59-SC	F96T8	108-106	0.87	0.91-0.39	1 or 2	1 or 2	1 or 2	1 or 2	

Centium® Instant Start Electronic Fluorescent Ballasts for T8 Lamps

Reliable and energy-efficient, Centium high-frequency electronic ballasts offer all the energy-saving properties of our standard electronic line, plus the added benefit of lamp striation reduction technology — making these ballasts compatible with all energy-saving T8 lamps.

No. of Lamps	Input Volts	Philips Advance Model	Lamp Type	Input Power (Watts)	Ballast Factor	Line Current	T8 Lamps Operated						
							F17T8	F25T8	F32T8	F32T8/ES (25W)	F32T8/ES (28W)	F32T8/ES (30W)	F40T8
1	120-277	ICN-1P32-N	F32T8	29	0.91	0.26-0.11	1	1	1	1	1	1	
			F32T8/ES (28W)	26	0.91	0.22-0.10							
			F32T8/ES (25W)	24	0.91	0.21-0.09							
2	120-277	ICN-2P32-N	F32T8	56	0.89	0.49-0.22	1 or 2	1 or 2	1 or 2	1 or 2	1 or 2	1 or 2	1
			F32T8/ES (28W)	49-48	0.89	0.41-0.17							
			F32T8/ES (25W)	46-45	0.89	0.38-0.16							
3	120-277	ICN-3P32-SC	F32T8	85-84	0.88	0.71-0.31	2 or 3	2 or 3	2 or 3	2 or 3	2 or 3	2 or 3	2
			F32T8/ES (28W)	74-72	0.88	0.61-0.27							
			F32T8/ES (25W)	68-67	0.88	0.56-0.25							
4	120-277	ICN-4P32-SC	F32T8	111	0.88	0.94-0.41	3 or 4	3 or 4	3 or 4	3 or 4	3 or 4	3 or 4	3
			F32T8/ES (28W)	99-97	0.88	0.82-0.36							
			F32T8/ES (25W)	92-91	0.88	0.77-0.33							

Centium Programmed Start Electronic Fluorescent Ballasts for T8/HO Lamps

Reliable and energy-efficient, this Centium ballast is optimized for use with high-output T8 lamps.


No. of Lamps	Input Volts	Philips Advance Model	Lamp Type	Input Power (Watts)	Ballast Factor	Line Current	T8/HO Lamps Operated					
							F48T8/HO	F60T8/HO		F72T8/HO	F96T8/HO	
2	120-277	ICN-2S86	F96T8/HO	185	0.95	1.57-0.68	1 or 2	1 or 2		1 or 2	1 or 2	

● Smart Solution

Centium and Optanium

Engineered to optimize lighting performance and maximize energy savings, these innovative ballasts bring sustainable performance to virtually any business application. Both ballast families feature IntelliVolt® technology (120–277V operation), which simplifies ordering and reduces SKU requirements. In addition, Optanium and Centium ballasts for T8 fluorescent lamps are part of the NEMA Premium Ballast Program, which recognizes the market's highest-performing ballast products.



 Philips Advance Optanium
electronic ballast



 Philips Advance
Centium ballast



As a licensee in the NEMA Premium Ballast Program, Philips Lighting Electronics has determined that these products meet the NEMA Premium specification for premium energy efficiency.