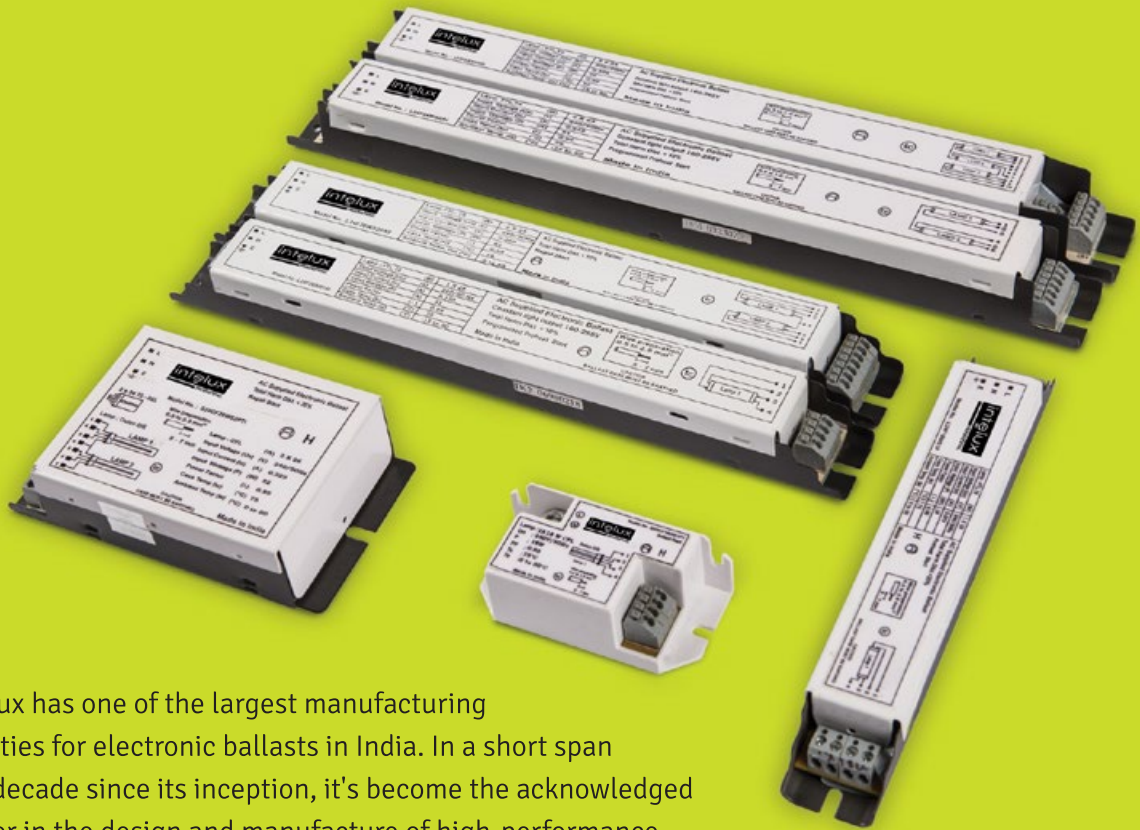


Electronic Ballasts



Intelux has one of the largest manufacturing facilities for electronic ballasts in India. In a short span of a decade since its inception, it's become the acknowledged leader in the design and manufacture of high-performance electronic ballasts. The lamp life and performance of any lighting is determined solely by reliability and performance parameters of the ballast used. Intelux electronic ballasts produce constant light output as it eliminates flickering and stroboscopic effect that is usually produced by other electronic ballasts.

Product Highlights

- ★ Wide operating voltage range 150-275 VAC.
- ★ Power factor > 0.95 with passive power factor.
- ★ Input surge protected
- ★ Small size
- ★ Over voltage protection
- ★ High-efficiency
- ★ No stroboscopic effect
- ★ Protection provided
- ★ Meets EMI/EMC standards
- ★ Low operation cost
- ★ Flicker free starts

Applications

Offices | Banks | Malls
 Industrial Premises | Hotels
 Hospitals | Warehouses
 Street Lighting

Compliance & Approvals

Safety requirements	-	IEC 61347-1 EN61347-2-3
Performance	-	IEC 60929
Harmonics	-	IEC 61000-3-2
EMI/RFI	-	IEC 55015
Immunity	-	IEC 61547
Approval marks	-	CE

Technical Data for Installation

Supply volts (AC)	-	240
Supply frequency (Hz)	-	50/60
Rated Output frequency	-	≥ 42 KHz
Power factor	-	≥ 0.98
Current THD%	-	≤ 10%
Over voltage protection	-	≥ 320VAC

Programmed Preheat Start Ballasts - A. P. F. C. – Elite Series

Model Number	Lamp Nos./ Ballast	Type of lamp	System power Watts (W)	Maximum Temp (tc) in °C	Lamp Power Watts (W)	Dimensions (L x W x H) mm
L24F24WS1AI	1	TUBULAR FLUORESCENT, T5	27	75	23.8	275 X 30 X 20
L24F28WS1AI	1	TUBULAR FLUORESCENT, T5	31	75	27.8	275 X 30 X 20
L24F36WS1AI	1	TUBULAR FLUORESCENT, T8	36	75	32	275 X 30 X 20
L24F54WS1AI	1	TUBULAR FLUORESCENT, T5	58	75	53.7	275 X 30 X 20
L24F24WS2AI	2	TUBULAR FLUORESCENT, T5	51	75	47.6	330 X 30 X 31
L24F28WS2AI	2	TUBULAR FLUORESCENT, T5	60	75	55.6	330 X 30 X 31
L24F36WS2AI	2	TUBULAR FLUORESCENT, T8	72	75	64	330 X 30 X 31
L24F36WS2AI	2	TUBULAR FLUORESCENT, T5	115	75	107.6	330 X 30 X 31
L24F14WS3AI	3	TUBULAR FLUORESCENT, T5	46	75	41	330 X 32 X 30
L24F24WS3AI	3	CFL/DULUX L	78	75	71.4	330 X 32 X 30
L24F14WS4AI	4	CFL/DULUX L	62	75	54.8	330 X 32 X 30
L24F24WS4AI	4	CFL/DULUX L	104	75	95.2	330 X 32 X 30
S24CF26WS2AI	2	CFL/DULUX L	54	75	48	128 X 72 X 32
L24CF55WS2AI	2	CFL/DULUX L	115	75	104	330 X 30 X 31

Compliance & Approvals

Safety requirements	- IS13021 Part 1 EN61347-2-3
Harmonics	- IS13021 Part 2 "H" Mark

Technical Data for Installation

Supply volts (AC)	- 240
Supply frequency (Hz)	- 50/60
Rated output frequency	- ≥ 25 KHz
Power factor	- ≥ 0.95
Current THD%	- $\leq 30\%$
Over voltage protection	- ≥ 320 VAC

PPFC Ballasts - Standard Series

Model Number	Lamp Nos./ Ballast	Type of lamp	System power Watts (W)	Maximum Temp(tc) in °C	Lamp Power Watts (W)	Dimensions (L x W x H)mm
L24F24WS1P	1	TUBULAR FLUORESCENT, T5	25	75	23.8	190 X 31 X 28
L24F28WS1P	1	TUBULAR FLUORESCENT, T5	28	75	27.8	190 X 31 X 28
L24F36WS1P	1	TUBULAR FLUORESCENT, T5	35	75	32	190 X 31 X 28
L24F14WS1P	1	TUBULAR FLUORESCENT, T5	17	75	13.66	190 X 31 X 28
L24F24WS2P	2	TUBULAR FLUORESCENT, T5	25	75	47.6	275 X 31 X 28
L24F28WS2P	2	TUBULAR FLUORESCENT, T5	62	75	55.6	275 X 31 X 28
L24F36WS2P	2	TUBULAR FLUORESCENT, T5	71	75	64	275 X 31 X 28
L24F14WS2P	2	TUBULAR FLUORESCENT, T5	32	75	27.2	275 X 31 X 28
S24CF18WS1P	1	CFL/DULUX L	13	75	16.5	113 X 75 X 30
S24CF26WS1P	1	CFL/DULUX L	26	75	24	113 X 75 X 30
S24CF18WS2P	2	CFL/DULUX L	36	75	33	113 X 75 X 30
S24CF26WS2P	2	CFL/DULUX L	50	75	48	113 X 75 X 30