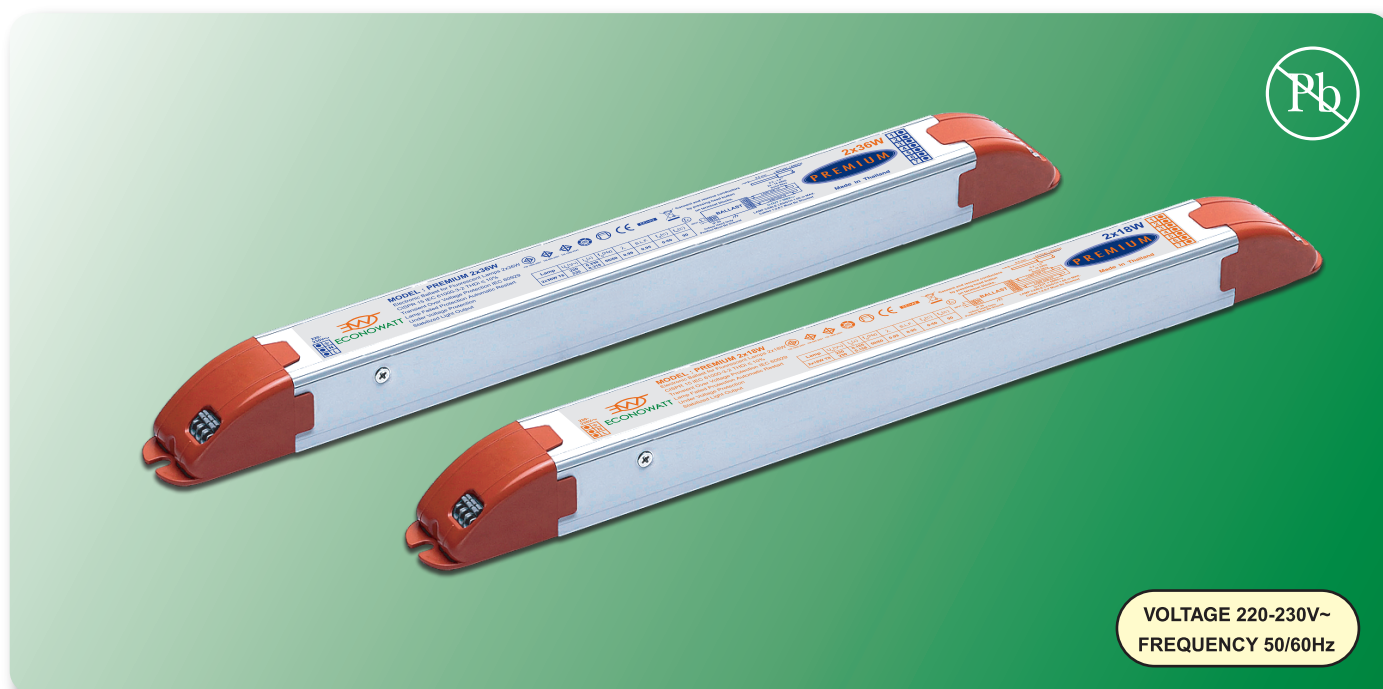


# PREMIUM

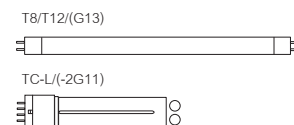
## ELECTRONIC BALLAST FOR T8/TC-L FLUORESCENT LAMPS



### FEATURES

- 3<sup>rd</sup> party certified EU-LVD and EMC directive by ETS-PS
- Constant output power during the changing of the voltage supply.
- Very low input current harmonics between 5% and 10%.
- Full protection of electronic circuit and safety shutdown for defective lamps.
- Various lamp powers from 10W to 110W.
- Fully complied to IEC 60929.
- Recommended for airports, hospitals, computer rooms and highly sensitive neutral current stability areas.

### LAMPS

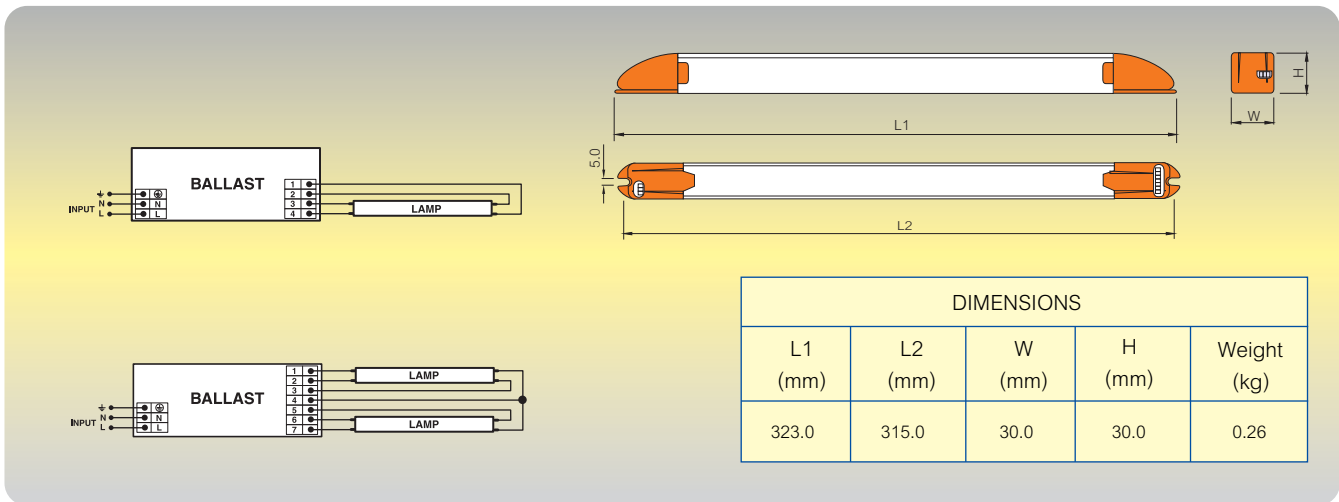


### BALLAST SPECIFICATION

Safety Input Voltage Range	154 to 265 Volts	Lamp Fail Protection	IEC 60929
Operating Input Voltage	176 to 255 Volts	End of Lamp Life Protection	Automatic Restart
Input Voltage for Constant Light Output	198 to 253 Volts	Under Voltage Protection	Electronic Shutdown
Power Factor	0.99	Electromagnetic Compatibility (EMC)	EN 55015, EN 55022, TIS 1955
DC Voltage Operation	175 to 240 Volts DC	Immunity	IEC 61547
Input Current Harmonics	IEC 61000-3-2/-3		(IEC 61000-4-2/-3/-4/-5/-6)
Total Harmonics Distortion (%THDi)	<10%	Main Transient Over Voltage	IEC 60929
Maximum Case Temperature (t <sub>c</sub> )	90°C	Energy Efficiency	EEL=A2 (CELMA)
Environmental Operating Temperature (t <sub>a</sub> )	0 to 50°C	Sinusoidal Vibration Test	IEC 60068-2-6 FC
Maximum Relative Humidity	90% non - condensing	Lamp Current Crest Factor	<1.5
Safety	IEC 61347-1, IEC 61347-2-3	Lamp Flicker	Flicker Free
Withstanding Voltage	IEC 61347-2-3	Output Frequency	25 to 60 kHz
Guaranteed Withstanding Voltage	2500 Vac	Ballast Lumen Factor	0.95
Insulation Resistance	>2 MΩ	Lamp Starting	Preheat
Endurance	IEC 60929	Lamp Cable Length	1.5 m MAX
De-activated Lamp Protection	Automatic Restart	Case & Connection	Aluminum & Terminal Block
Removal of Lamp	IEC 60929	Life Time	200,000 Hours (t <sub>a</sub> = 25°C) 150,000 Hours (t <sub>a</sub> = 35°C) 100,000 Hours (t <sub>a</sub> = 50°C)



## TECHNICAL DATA AND DIMENSION



TECHNICAL DATA					
Model	Product Code	Rated Voltage (V)	Lamps	Nominal Input Power (W)	Nominal Line Current (A)
PREMIUM 1x18W	EBLSLT8 22011800 00004	220	T8	18.0	0.083
		230	T8	18.0	0.079
PREMIUM 1x36W	EBLSLT8 22013600 00004	220	T8	36.0	0.165
		230	T8	36.0	0.158
PREMIUM 1x55W TC-L 1x58WT8	EBLSLT8 22015800 00004	220	TC-L	56.0	0.252
		230	TC-L	56.0	0.241
		220	T8	56.0	0.252
		230	T8	56.0	0.241

TECHNICAL DATA					
Model	Product Code	Rated Voltage (V)	Lamps	Nominal Input Power (W)	Nominal Line Current (A)
PREMIUM 2x18W	EBLSLT8 22021800 00004	220	T8	36.0	0.165
		230	T8	36.0	0.158
PREMIUM 2x36W	EBLSLT8 22023600 00004	220	T8	72.0	0.331
		230	T8	72.0	0.316
PREMIUM 2x55W TC-L 2x58W T8	EBLSLT8 22025800 00004	220	TC-L	115.0	0.528
		230	TC-L	115.0	0.505
		220	T8	110.0	0.505
		230	T8	110.0	0.483

Note :

1. All tolerances comply with IEC 60929.
2. Not suitable for leading or trailing edge phase-cut dimmer.
3. Lamp starting aid may be required at temperature below 10°C.
4. Low temperature application below 15°C, the lamp should be jacketed or covered to obtain optimum light output.
5. Specifications are subject to change without prior notice.

