

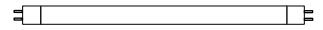


### FEATURES

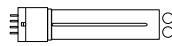
- ➔ IECCE CB scheme approved.
- ➔ Environmental friendly with best practice RoHS certified product.
- ➔ 3<sup>rd</sup> party fully certified EU-LVD, EMC and RoHS directive approved by ETS Product Service AG, Germany.
- ➔ Fully lamps failed protection with automatic restart function.
- ➔ Recommended for industrial user.

### LAMPS

T8/T10/T12/(G13)



TC-L/(2G11)



TC-TE

TC-DE



### BALLAST SPECIFICATION

Safety Input Voltage Range	175 to 265 Volts
Operating Input Voltage	185 to 255 Volts
Power Factor	0.97
DC Voltage Operation	175 to 270 Volts DC
Input Current Harmonics	IEC 61000-3-2
Total Harmonics Distortion (% THDi)	<15%
	<10% (1x32W T8, 2x32W T8)
Maximum Case Temperature (tc)	90°C
Environmental Operating Temperature (ta)	0 to 50°C
Maximum Relative Humidity	90% non - condensing
Safety	IEC 61347-1, IEC 61347-2-3
Withstanding Voltage	IEC 61347-2-3
Guaranteed Withstanding Voltage	2500 Vac
Insulation Resistance	>2 MΩ
Endurance	IEC 60929

De-activated Lamp Protection	Automatic Restart
Removal of Lamp	IEC 60929
Lamp Fail Protection	IEC 60929
End of Lamp Life Protection	Automatic Restart
Electromagnetic Compatibility (EMC)	EN 55015, EN 55022
Main Transient Over Voltage	IEC 60929
Lamp Current Crest Factor	<1.7
Lamp Flicker	Non Visible
Output Frequency	25 to 60 kHz
Ballast Lumen Factor	0.95
Lamp Starting	Instant Start
Lamp Cable Length	1.5 m. MAX
Case & Connection 1x	PC. & Terminal Block
Case & Connection 2x	Aluminum & Terminal Block
Life Time	180,000 Hours (ta=25°C)



