

ANALOG DIMMING COMPACT

ELECTRONIC DIMMING BALLAST FOR TC-TE/DE FLUORESCENT LAMPS

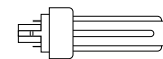


FEATURES

- ➔ Fully complied with Annex E of IEC 60929.
- ➔ 10%-100% dimming range, 5%-100% for lamp wattage greater than 20W.
- ➔ Easy connect to "LUMISENSE" "MOVIN SENSE" and 1...10Vdc controlled signal.
- ➔ Size and configuration requirements of the most demanding architectural lighting designs.
- ➔ Prolong lamp life with Super Soft Start™ mode.
- ➔ Recommended for lobbies, theaters, stadiums, meeting rooms and hotels.

LAMPS

TC-TE/DE/(GX24q-1, GX24q-2, GX24q-3, GX24q-4)



BALLAST SPECIFICATION

Safety Input Voltage Range	154 to 265 Volts
Operating Input Voltage	176 to 255 Volts
Input Voltage for Stabilized Output	198 to 253 Volts
Power Factor	0,99
DC Voltage Operation	175 to 240 Volts DC
Input Current Harmonics	IEC 61000-3-2
Total Harmonics Distortion (%THDi)	10%
Maximum Case Temperature (tc)	90°C
Environmental Operating Temperature (ta)	15 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	1800 Vac
Insulation Resistance	>2 MΩ
Endurance	IEC 60929
De-activated Lamp Protection	Automatic Restart

Removal of Lamp	IEC 60929
End of Lamp Life Protection	Automatic Restart
Electromagnetic Compatibility (EMC)	CISPR 15
Immunity	IEC 61547 (EN 61000-4-2/-3/-4/-5/-6/-11)
Main Transient Over Voltage	IEC 60929
Lamp Current Crest Factor	<1.7
Lamp Flicker	Flicker Free
Output Frequency	25 to 100 kHz
Ballast Lumen Factor	0.95
Lamp Starting	Super Soft Start Within 2 sec.
Lamp Cable Length	0.6 m. MAX
Dimming Control Input	1 to 10 VDC
Control Current (Source from ballast)	< 1 mA
Dimming Range	5...10% to 100%
Case & Connection	Aluminum & Terminal Block

