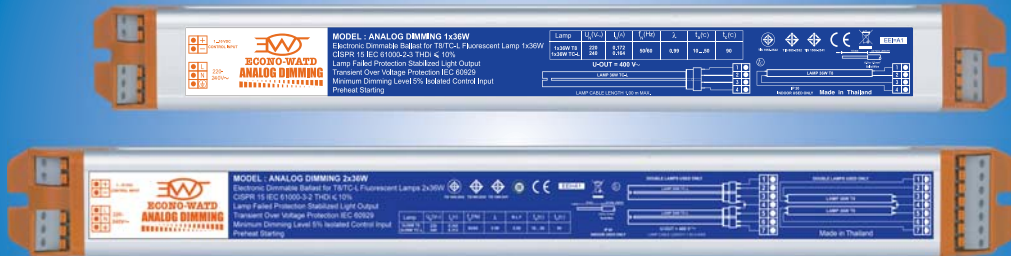


ANALOG DIMMING T8/TC-L

ELECTRONIC DIMMING BALLAST FOR FLUORESCENT LAMPS



VOLTAGE 220-240V~
FREQUENCY 50/60Hz

FEATURES

- ➔ Fully complied with Annex E of IEC 60929.
- ➔ 5%-100% dimming range.
- ➔ Easy connect to "LUMI SENSE", "MOVIN SENSE" and all 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.



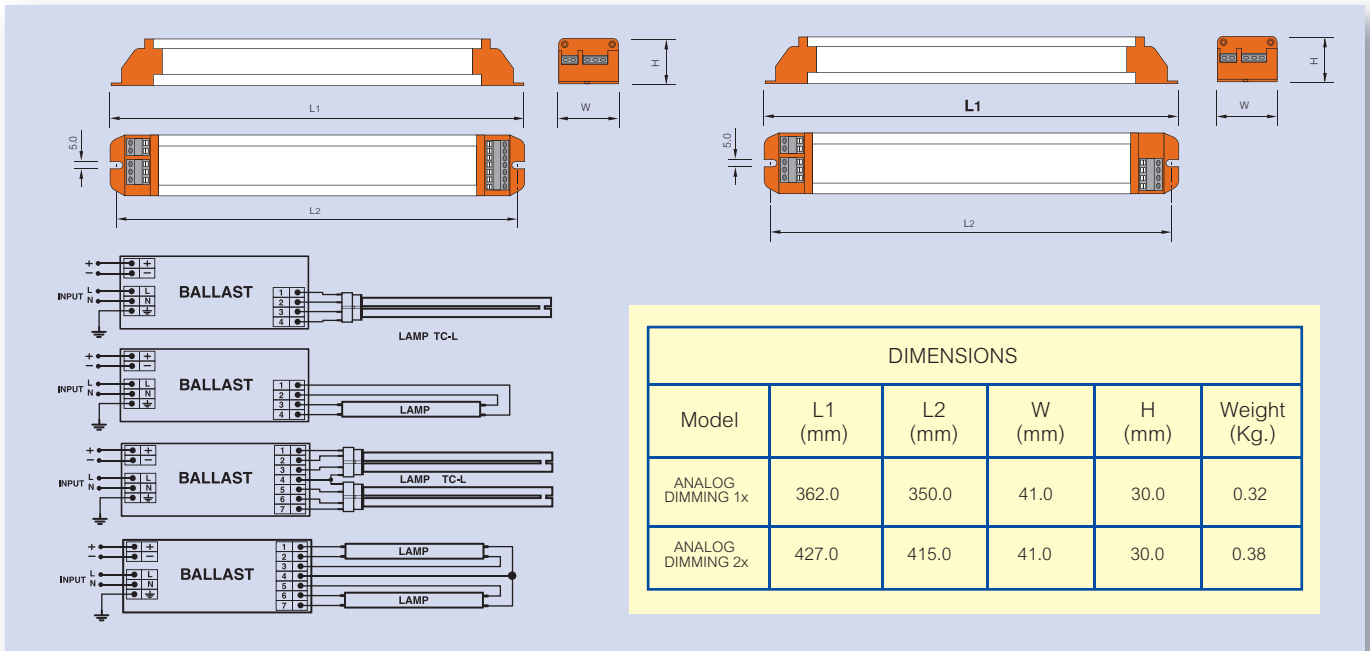
BALLAST SPECIFICATION

Safety Input Voltage Range	176 to 275 Volts
Operating Input Voltage	185 to 270 Volts
Input Voltage for Stabilized Output	198 to 265 Volts
Power Factor	0.99
DC Voltage Operation	245 to 275 Volts DC
Input Current Harmonics	IEC 61000-3-2
Total Harmonics Distortion (%THDi)	<10%
Maximum Case Temperature (t _c)	90°C
Environmental Operating Temperature (t _a)	10 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	<1.55
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	1.0 m. MAX
Dimming Control Input	1 to 10 VDC
Control Current (Source from ballast)	< 1 mA
Dimming Range	5% to 100%
Case & Connection	Aluminum & Terminal Block



TECHNICAL DATA AND DIMENSION



DIMENSIONS					
Model	L1 (mm)	L2 (mm)	W (mm)	H (mm)	Weight (Kg.)
ANALOG DIMMING 1x	362.0	350.0	41.0	30.0	0.32
ANALOG DIMMING 2x	427.0	415.0	41.0	30.0	0.38

TECHNICAL DATA						
Model	Product Code	Option	Rated Voltage (V)	Lamp	Nominal Input Power (W)	Nominal Line Current (A)
ANALOG DIMMING T8/TC-L 1x18W	ADBNAFL 22011800	00000	220	T8/TC-L	20.0	0.091
			240	T8/TC-L	20.0	0.083
ANALOG DIMMING T8 1x32W	ADBNAFL 22013200	00000	220	T8	34.0	0.155
			240	T8	34.0	0.142
ANALOG DIMMING T8/TC-L 1x36W	ADBNAFL 22013600	00000	220	T8/TC-L	37.0	0.168
			240	T8/TC-L	37.0	0.154
ANALOG DIMMING TC-L 1x55W	ADBNAFL 22015500	00000	220	TC-L	60.0	0.273
			240	TC-L	60.0	0.250
ANALOG DIMMING T8 1x58W	ADBNAFL 22015800	00000	220	T8	58.0	0.265
			240	T8	58.0	0.243

TECHNICAL DATA						
Model	Product Code	Option	Rated Voltage (V)	Lamp	Nominal Input Power (W)	Nominal Line Current (A)
ANALOG DIMMING T8/TC-L 2x18W	ADBNAFL 22021800	00000	220	T8/TC-L	37.0	0.172
			240	T8/TC-L	37.0	0.164
ANALOG DIMMING T8 2x32W	ADBNAFL 22023200	00000	220	T8	65.0	0.295
			240	T8	65.0	0.271
ANALOG DIMMING T8/TC-L 2x36W	ADBNAFL 22023600	00000	220	T8/TC-L	71.0	0.329
			240	T8/TC-L	71.0	0.310
ANALOG DIMMING TC-L 2x55W	ADBNAFL 22025500	00000	220	TC-L	110.0	0.500
			240	TC-L	110.0	0.458
ANALOG DIMMING T8 2x58W	ADBNAFL 22025800	00000	220	T8	110.0	0.500
			240	T8	110.0	0.458

Note :

1. All tolerances comply with IEC 60929.
2. Ballast specifications refer to rated voltage at 100% output.
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. Not suitable for leading or trailing edge phase-cut dimmer.
6. Specifications are subject to change without prior notice.
7. This ballast is built-in lamp controlgear, which relies upon the luminaire enclosure for protection against accidental contact with live parts.

