

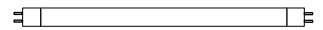


FEATURES

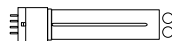
- ➔ IECCE CB scheme approved.
- ➔ Environmental friendly with best practice RoHS certified product.
- ➔ 3rd party fully certified EU-LVD, EMC and RoHS directive approved by ETS Product Service AG, Germany.
- ➔ Fully lamps failed protection with automatic restart function.
- ➔ Recommended for industrial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



TECHNICAL DATA AND DIMENSION

DIMENSIONS					
Model	L1 (mm)	L2 (mm)	W (mm)	H (mm)	Weight (Kg.)
PERFORM1x	150.0	140.0	41.0	30.0	0.14
PERFORM2x	215.0	203.0	41.0	30.0	0.25

TECHNICAL DATA					
Model	Product Code	Rated Voltage (V)	Lamp	Nominal Input Power (W)	Nominal Line Current (W)
PERFORM 1x13W	EBLIDCD220113000000	220	TC - DE	13.0	0.061
		230	TC - DE	14.0	0.063
PERFORM 1x18W	EBLIDCD220118000000	220	TC - DE	18.0	0.084
		230	TC - DE	19.2	0.086
PERFORM 1x18W	EBLIDFL220118000000	220	T8	18.0	0.084
		230	T8	19.2	0.086
PERFORM 1x26W	EBLIDCD220126000000	220	TC - DE	26.0	0.121
		230	TC - DE	27.4	0.123
PERFORM 1x32W	EBLIDCD220132000000	220	TC - TE	32.0	0.150
		230	TC - TE	33.9	0.152
PERFORM 1x32W	EBLIDFL220132T8000000	220	T8	32.0	0.150
		230	T8	33.9	0.152
PERFORM 1x36W	EBLIDFL220136000000	220	T8	36.0	0.169
		230	T8	38.2	0.171

TECHNICAL DATA					
Model	Product Code	Rated Voltage (V)	Lamp	Nominal Input Power (W)	Nominal Line Current (W)
PERFORM 2x13W	EBLIDCD220213000000	220	TC - DE	26.0	0.122
		230	TC - DE	27.7	0.124
PERFORM 2x18W	EBLIDCD220218000000	220	TC - DE	37.0	0.169
		230	TC - DE	39.2	0.171
PERFORM 2x18W	EBLIDFL220218000000	220	T8	37.0	0.173
		230	T8	39.0	0.175
PERFORM 2x26W	EBLIDCD220226000000	220	TC - DE	52.0	0.244
		230	TC - DE	54.9	0.246
PERFORM 2x32W	EBLIDCD220232000000	220	TC - TE	64.0	0.299
		230	TC - TE	67.2	0.301
PERFORM 2x32W	EBLIDFL220232T8000000	220	T8	64.0	0.299
		230	T8	67.2	0.301
PERFORM 2x36W	EBLIDFL220236000000	220	T8	71.0	0.332
		230	T8	74.5	0.334
PERFORM 4x18W	EBLIDFL240418000002	220	T8	72.0	0.337
		230	T8	75.6	0.339

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.
6. This ballast is built-in lamp controlgear, which relies upon the luminaire enclosure for protection against accidental contact with live parts.