

T8 Electronic Ballasts

DATA SHEET

Product Information for Original Equipment Manufacturers

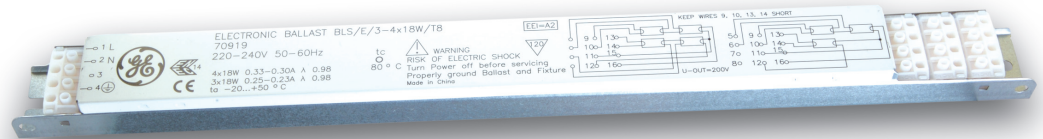
GE T8 electronic ballasts for the Polylux XLR™ linear fluorescent lamp range.

GE T8 electronic ballast can operate 1-4pieces of T8 lamps. They provide low ballast losses and high-frequency operation resulting a 20% energy savings compared to standard magnetic ballast and lamp system.

T8 ballast feature instant-on flicker free technology and are suitable for any residential and hospitality application.

Features

- Full compatibility with T8 range
- Non-dimmable range
- Warm start
- Maximized lamp life
- Minimized end-blackening
- Low system losses
- Immune to mains voltage variations
- With built in shutdown circuit to manage lamp failure
- Constant light output for full input voltage range
- Minimum three years warranty under specified conditions*



Application areas

- Shopping centres • Supermarkets • Hotels • Offices • Hospitals
• Schools • Airports • Industrial sites

System performance

Product description	Nr. of lamps	Lamp type	W	Total lumens lm*	System power W	System efficacy lm/W	PF	Ambient temp °C	Max Tc °C
BLS/E 1x18W/T8 GE 10PK	1	18		1350	19	71	0.98	-20...+50	80
BLS/E 2x18W/T8 GE 10PK	2	18		2700	36	75	0.98	-20...+50	80
BLS/E 3-4x18W/T8 GE 10PK	3	18		4050	55	74	0.98	-20...+50	80
	4	18		5400	71	76	0.98	-20...+50	80
BLS/E 1x36W/T8 GE 10PK	1	36		3350	36	93	0.98	-20...+50	80
BLS/E 2x36W/T8 GE 10PK	2	36		6700	70	96	0.98	-20...+50	80
BLS/E 1x58W/T8 GE 10PK	1	58		5200	56	93	0.98	-20...+50	80
BLS/E 2x58W/T8 GE 10PK	2	58		10400	108	96	0.98	-20...+50	80
BLS/E 1x70W/T8 GE 10PK	1	70		6300	65	97	0.98	-20...+50	70
BLS/E 2x70W/T8 GE 10PK	2	70		12600	128	98	0.98	-20...+50	70

* For guarantee details, please see the separate Guarantee Condition document.

**Lamp lumens based on Polylux XLR™ lamps

All available ballasts are approved by SEMKO and comply with the relevant parts of the following standards: EN 60929, EN 61347-1, EN 61347-2-3, EN 61000-3-2, EN61000-3-3, EN 61547, EN 55015

General information

Nr. of lamps	Lamps watts	Volts	Product description	EEL class	Pack qty	Product code
1	18	220-240	BLS/E 1x18W/T8 GE 10PK	A2	10	70917
2	18	220-240	BLS/E 2x18W/T8 GE 10PK	A2	10	70918
3	18	220-240	BLS/E 3-4x18W/T8 GE 10PK	A2	10	70919
4	18	220-240		A2	10	70919
1	36	220-240	BLS/E 1x36W/T8 GE 10PK	A2	10	70921
2	36	220-240	BLS/E 2x36W/T8 GE 10PK	A2	10	70922
1	58	220-240	BLS/E 1x58W/T8 GE 10PK	A2	10	70923
2	58	220-240	BLS/E 2x58W/T8 GE 10PK	A2	10	70924
1	70	220-240	BLS/E 1x70W/T8 GE 10PK	A2	10	70926
2	70	220-240	BLS/E 2x70W/T8 GE 10PK	A2	10	70925



GE imagination at work

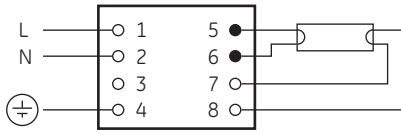
Technical Data

Mains Supply: 220 – 240V
 Permitted Voltage 198 – 264V
 Input Frequency 50-60Hz

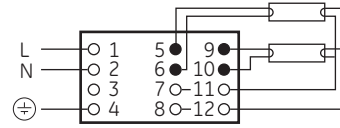
Preheat Time <2.5 sec
 Wire Cross Section 0.5 – 1.5mm²
 Keep wiring as short as possible

Max wire lengths between ballast and lamp < 2m

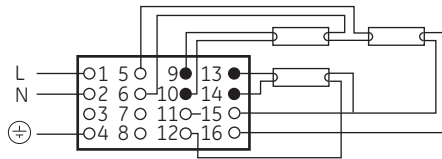
Circuit diagrams



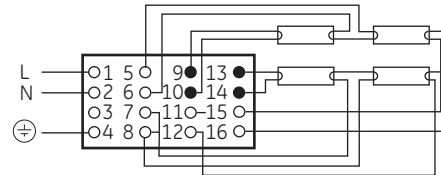
1x 18,36,58



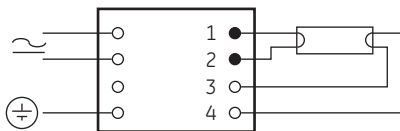
2x 18,36,58



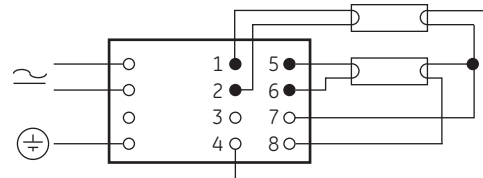
3x 18W



4x 18W



1x 70

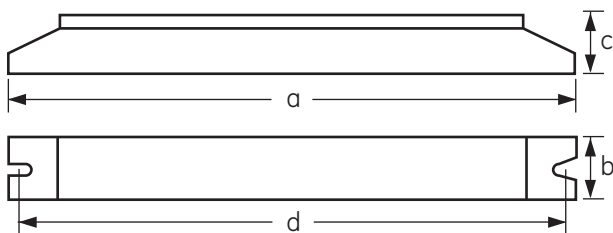


2x 70

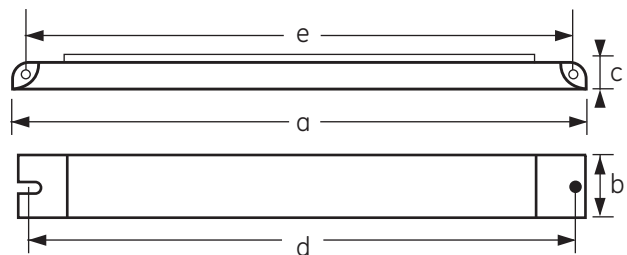
All wiring to the connectors marked with a black dot (hot wires), should be as short as possible.

Dimensions T8

Drawing A



Drawing B



NO:	1	2	3	4
DRAWING	A	A	B	B
LENGTH 'a' (mm)	280	360	280	360
WIDTH 'b' (mm)	30	30	30	30
HEIGHT 'c' (mm)	28	28	21	21
d' (mm)	270	350	270	350
e' (mm)	270	350	270	350

Ballast	Dimensions No.
BLS/E/1x18W/T8	1
BLS/E/2x18W/T8	2
BLS/E/1x36W/T8	1
BLS/E/2x36W/T8	2
BLS/E/1x58W/T8	1
BLS/E/2x58W/T8	2
BLS/E/1x70W/T8	3
BLS/E/2x70W/T8	4
BLS/E/3/4x18W/T8	4