

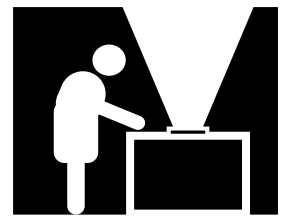
# GP Electronics Limited

## Lighting Electronics Laboratory

Unit 7, Highfield Business Park

Kearsley Road, Ripon, HG4 2RN

Tel: 01765 607444 gp@gpel.co.uk



### ELECTRONIC LIGHTING BALLAST PRICE LIST

All prices are subject to 20% VAT.

This is our core range of products but please enquire for prices for any other requirements, thank you  
Discounts may be requested for larger order quantities

#### T8 Electronic Ballasts

April 2017

Manufacturer	Type No	Wattage variants	Wiring & dimensions	Price
Tridonic	PC 1x_ T8 PRO lp	18, 36, 58	Wiring 1, 230x30x21mm	£19.00
Tridonic	PC 1/_ T8 PRO	30, 70	Wiring 2, 234x30x28mm	£19.00
Tridonic	PC 2x18 T8 PRO lp	18	Wiring 3, 280x30x21mm	£20.00
Tridonic	PC 2/30 T8 PRO	30	Wiring 2, 234x30x28mm	£20.00
Tridonic	PC 2x_ T8 PRO sl	36, 58	Wiring 3, 280x30x28mm	£20.00
Tridonic	PC 2/70 T8 PRO	70	Wiring 4, 360x40x28mm	£20.00
Tridonic	PC 3/4x18 T8 PRO lp	3 or 4 18W lamps	Wiring 5 & 6, 280x30x21mm	£25.00
Tridonic	PC 3/36 T8 PRO	3 x 36W T8	Wiring 6, 360x40x28mm	£25.00
Helvar	EL 1x_s	18, 36, 58, 70	EL1xs, 280x30x21mm	£19.00
Helvar	EL 2x_s	18, 36, 58, 70	EL2xs, 360x30x21mm	£20.00
Helvar	EL 3/4x18s	3 or 4 x18W T8	EL3/4, 360x30x21mm	£25.00
Philips	HF-P 2x_ TLD	18, 36, 58, 70	HF-P 2, 280x30x28mm	£23.00
Osram	QT-FIT8 2x70	70	QT-FIT8 2x, 360,30,28mm	£15.00

#### T5 Electronic Ballasts

Tridonic	PC 1/_ T5 PRO lp	14-35, 24, 39, 49, 54	Wiring 2, 280x30x21mm	£19.00
Tridonic	PC 2/_ T5 PRO lp	14-35, 24, 39, 49, 54	Wiring 7, 360x30x21mm	£20.00
Tridonic	PC 2/_ T5 PRO lp	80	Wiring 7, 425x30x21mm	£20.00
Tridonic	PC 3/4/_ T5 PRO lp	14 24	Wiring 9 & 10, 425x30x21mm	£25.00
Helvar	EL 1x_s	14-35, 24, 39, 49, 54	EL1xs, 280x30x21mm	£19.00
Helvar	EL 2x_s	14-35, 24, 39, 49, 54	EL2xs, 360x30x21mm	£20.00
Helvar	EL 3/4x14s	3 or 4 x 14 T5	EL3/4, 360x30x21mm	£25.00
Philips	HF-P 2 _ TL5	14-35, 24-39, 49	HF-P 2, 360x30x21mm	£23.00

#### TCS TCD TCT DD Compact lamp Electronic Ballasts (plastic cased)

Tridonic	PC 1/2_ TC PRO	18, 26/32/42 or twin lamps	Wiring 11 & 12, 103x67x31mm	£20.00
Tridonic	PC 2/_ TC PRO	18, 26/32/42	Wiring 12, 123x79x31mm	£20.00
Tridonic	PC 1/57/70 TC PRO	57/70	Wiring 11, 123x79x31mm	£22.00
Helvar	EL 1/2x18-42TCs	13, 18, 26, 32, 42	EL1/2xTCs, 103x67x28mm	£20.00
Tridonic	PC 1/_ DD PRO sc	28, 38, 55	Wiring 8, 150x40x28mm	£19.00
Harvard	DK_	16, 26, 28, 38	DK, 11041x28mm	£25.00

#### TCL Electronic Ballasts

Tridonic	PC 1/_ TCL PRO	18/24, 36, 40, 55	Wiring 2 234x30x28mm	£19.00
Tridonic	PC 2/_ TCL PRO	18/24, 36, 40 Or 55W (NB different size)	Wiring 4 234x40x28mm Wiring 4 360x40x28mm	£20.00
Helvar	EL 1x_s	36, 40	EL1xs, 280x30x21mm	£19.00
Helvar	EL 2x_s	36, 40	EL2xs, 360x30x21mm	£20.00

#### Linear T8 & T5 Dimming Electronic Ballasts (1-10V dc external dimming signal)

Helvar	EL1x_sc	T8 & T5, various wattages		£38.00
Helvar	EL2x_sc	T8 & T5, various wattages	EL2DIM	£40.00
Philips	HF-R 1 _ TLD	T8 & T5, various wattages		£42.00
Philips	HF-R 2 _ TLD	T8 & T5, various wattages		£44.00

#### Compact TCD/T Dimming Electronic Ballasts (1-10V dc external dimming signal)

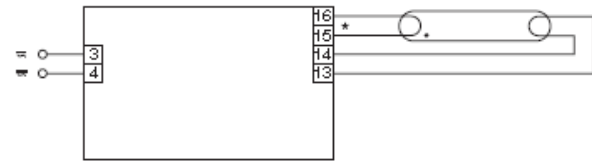
Helvar	EL1x_CHFC	10/13, 18, 26/32/42		£38.00
Helvar	EL2x_CHFC	10/13, 18, 26/32/42		£40.00
Philips	HF-R 1_PLC/PLT/PLTC/PLL	TCD/T & TCL various wattages		£42.00
Philips	HF-R 2_PLC/PLT/PLTC/PLL			£44.00

#### DSI & DALI Dimmable Electronic Ballasts

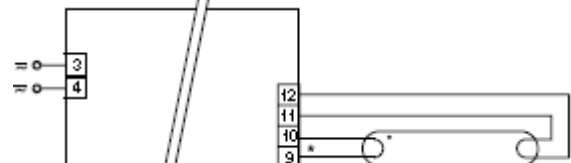
Tridonic	PCA 1/_ _ ECO lp	T8, T5 various wattages	Wiring 13	£36.00
Tridonic	PCA 2/_ _ ECO lp	T8, T5 various wattages	Wiring 14	£38.00
Tridonic	PCA 1/_ _ Excel lp	T8, T5 various wattages	Wiring 13	£42.00
Tridonic	PCA 2/_ _ Excel lp	T8, T5 various wattages	Wiring 14	£44.00
Tridonic	PCA 1/_ TC ECO	Various wattage compact lamps	Wiring 15	£38.00
Tridonic	PCA 2/_ TC ECO	Various wattage compact lamps	Wiring 16	£40.00
Tridonic	PCA 1/_ TC Excel	Various wattage compact lamps	Wiring 15	£50.00
Tridonic	PCA 2/_ TC Excel	Various wattage compact lamps	Wiring 16	£52.00

# Tridonic Wiring

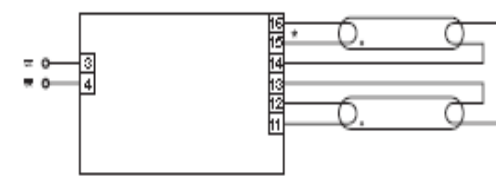
Wiring 1



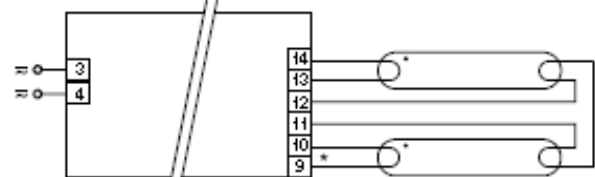
Wiring 2



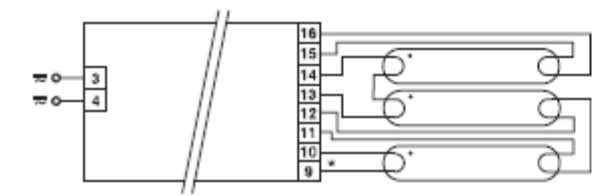
Wiring 3



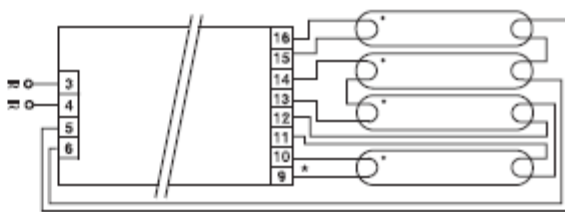
Wiring 4



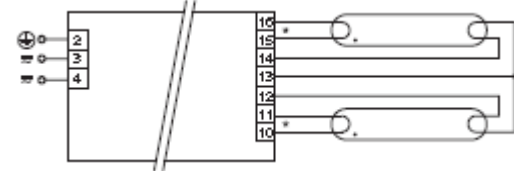
Wiring 5



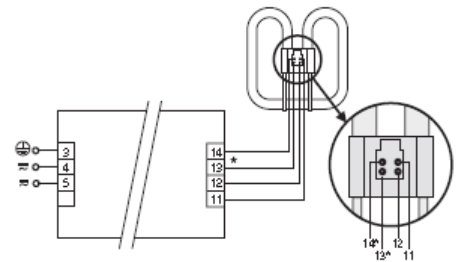
Wiring 6



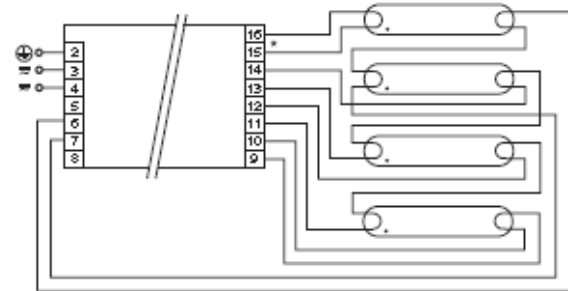
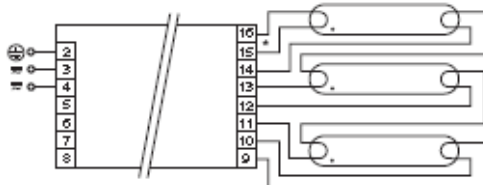
Wiring 7



Wiring 8

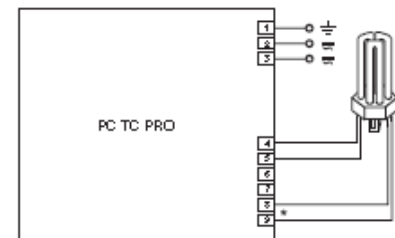


Wiring 9 & 10

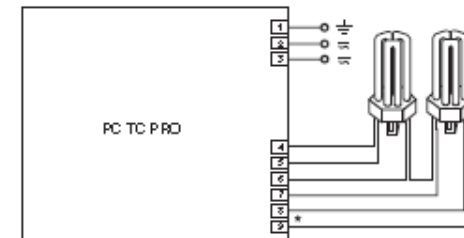


\* Leads 15, 16 max. 1.0 m (< 100 pF)  
 Leads 9, 10, 11, 12, 13, 14 max. 2.0 m (< 200 pF)  
 For luminaires of protection class I: Earthing via ECG casing or earth terminal (according to IEC 60598)  
 For luminaires of protection class II: No earthing required

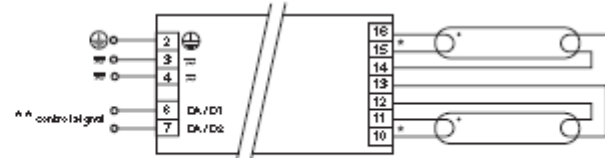
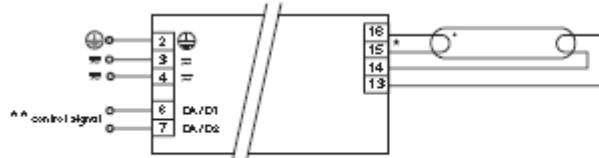
Wiring 11



Wiring 12



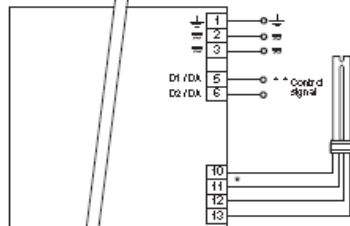
Wiring 13 & 14



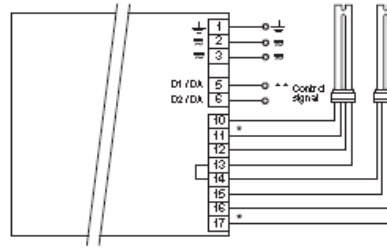
^ Leads 15, 16: keep wires short, max. 1.0 m  
 Leads 13, 14 max. 2.0 m; ballast must be earthed  
 ^^ digital signal (DALI, DALI or switchDIM)

^ Leads 10, 11, 15, 16: keep wires short, max. 1.0 m  
 Leads 13, 14 max. 2.0 m; ballast must be earthed  
 ^^ digital signal (DALI, DALI or switchDIM)

### Wiring 15 & 16

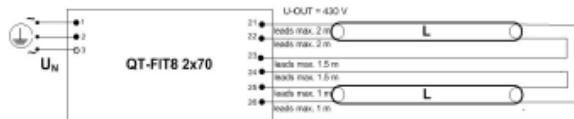


• leads 10, 11: keep wires short, max. 1.0 m  
 • leads 12, 18: max. 2.0 m; ballast must be earthed  
 • digital signal DALI, DSI or switchDIM

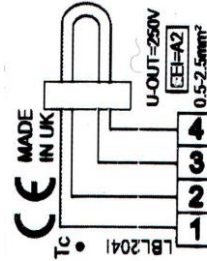


• leads 10, 11, 18, 17: keep wires short, max. 1.0 m  
 • leads 12, 18, 14, 15: max. 2.0 m; EV3 or UK  
 • digital signal DALI, DSI or switchDIM

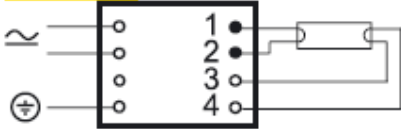
### QT-FIT8 2x



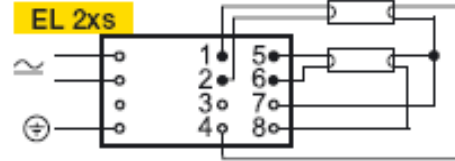
### DK



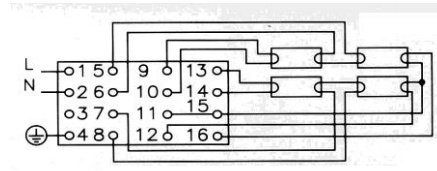
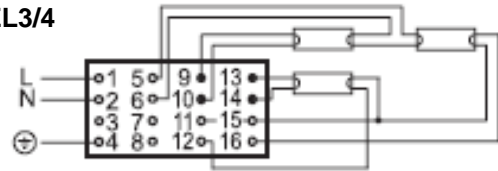
### EL 1xs



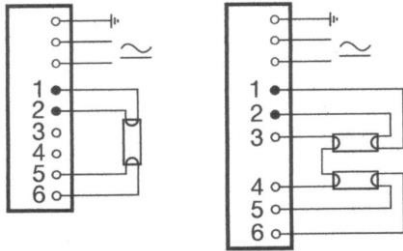
### EL 2xs



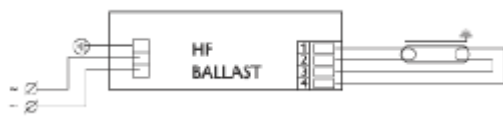
### EL3/4



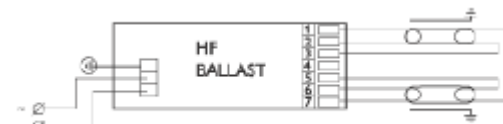
### EL1/2xTCs



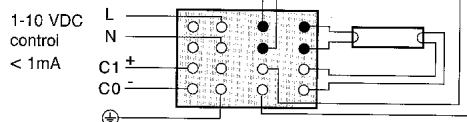
### Wiring HF-P 1



### Wiring HF-P 2



### EL2DIM



### Emergency Lighting Modules

Manufacturer	Type No	Wattage	Case Type	Price
Tridonic	EM__BASIC	Various wattages, to establish which	EM	£26.00
Tridonic	EM__BASIC Ip	module is required please enquire		£38.00
Tridonic	EM__ST			£57.00
Tridonic	EM__PRO EZ-3			£60.00
Mackwell	S_CHE			£28.00
Mackwell	ST50_			£44.00
Lite-Plan	HRN/		HRN	£26.00
Mackwell	SD208+	8W inverter 8W for non/maintained		£30.00
Existalite	XT.CB/110	110v inverter for wound or electronic ballasts		£40.00
Existalite	XK.CB/110			£40.00
Existalite	CR.CB1108P	Pcb inverter for 110V no relay		£42.00
Existalite	HR.CB1108P	Pcb inverter for 110V with hold off relay		£35.00
Orbik	19290	Pcb inverter for 110V no relay		£24.00

<b>EM</b>		
<b>HRN</b>		

### Combined electronic ballast and emergency inverter (Combos)

Manufacturer	Type No	Various Wattages in...	Case Type	Price
Tridonic	PC1x__COMBO	DD, TCD, TCT lamps	CMB1	£34.00
Tridonic	PC1x__COMBO	T8, TCL lamps	CMB2	£34.00
Tridonic	PC2x__COMBO	DD, TCD, TCT lamps		£38.00
Tridonic	PC2x__COMBO	T8, TCL lamps	CMB2	£38.00
Tridonic	PC3/4x18/33 COMBO (uses 3 cells)	3 or 4 x 18W T8	CMB2	£42.00

<b>CMB1</b>	<b>CMB2</b>

### Nickel Cadmium rechargeable batteries D size 4Ah CE marked

Manufacturer	Type No	Description	Dimensions	Price
	1AAM1-7	1 cell with tabs	long x 37 dia	£5.00
Tridonic	ACCU NiCd 2A	2 cell stick	151 long x 37 dia 139 fixing cntrs	£9.00
Tridonic	ACCU NiCd 3A	3 cell stick	218 long x 37 dia 201 fixing cntrs	£13.00
Tridonic	ACCU NiCd 4A	4 cell stick	275 long x 37 dia 263 fixing cntrs	£17.00
Tridonic	ACCU NiCd 5A	5 cell stick	338 long x 37 dia 323 fixing cntrs	£21.00
Yuasa	6/4000 DH-B	6 cell stick	386 long x 37 dia 370 fixing cntrs	£25.00
Yuasa	2/4000 DH-A	2 cell side by side	65 long x 60 width	£9.00
Tridonic	ACCU NiCd 3B	3 cell side by side	105 long x 63 width	£13.00
Tridonic	ACCU NiCd 4B	4 cell side by side	104 long x 63 width	£17.00
Tridonic	ACCU NiCd 5B	5 cell side by side	160 long x 60 width	£21.00
Yuasa	6/4000 DH/A	6 cell side by side	195 long x 60 width	£25.00