

EL-ngn5



Electronic ballasts for compact fluorescent lamps

- Smallest available quality ballast
- Standard & sidemount possibilities
- Optimal lamp operation
- Low power losses
- Long lifetime
- Green values
- High power factor

14-80 W 220-240 V, 50-60 Hz

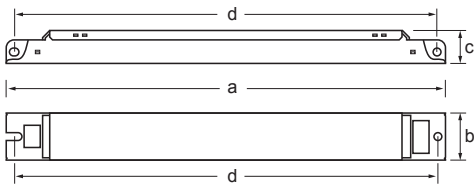


A2 BAT

Lamp type	Wattage	No. of lamps	Ballast	EEL	Dimensions	Connection	Weight	Circuit power	Mains current	Lamp power
						(p.30)	(g)	(W)	(A)	(W)
TC-L	24	2	EL2x24ngn5	A2 BAT	2	8	193	49	0.24-0.21	22.5
	24	3	EL3/4x24ngn5	A2 BAT	2	6	208	73	0.34-0.30	22.5
	24	4	EL3/4x24ngn5	A2 BAT	2	7	208	97	0.44-0.40	22.5
	36	1	EL1x39/36ngn5	A2	1	1	130	35	0.16-0.15	32
	36	2	EL2x39/36ngn5	A2 BAT	2	8	195	69	0.32-0.29	32
	80	1	EL1x80ngn5	A2 BAT	2	1	192	86	0.42-0.36	80
	80	2	EL2x80ngn5	A2 BAT	3	13	300	170	0.80-0.73	80

Note: See pages 30-33 for connection diagrams and additional characteristics.
1) Also ENEC approved for 55 W T5-C lamps

Dimensions	1	2	3
Lenght 'a' (mm)	190	280	360
Width 'b' (mm)	30	30	30
Height 'c' (mm)	21	21	21
'd' (mm)	180	270	350



Delivery information					
Ballast	Unit package		Transportation package		
	Minimum delivery amount	Plastic binding strip	One-way pallet 1200 x 820 (pcs.)	Pallet weight (kg)	Pallet height (cm)
EL1 x ngn5	10	●	2000	260-300	48
EL2 x ngn5 & EL3/4 x ngn5	10	●	2000	400-450	56
EL2x55ngn5 & EL2x80ngn5	10	●	1500	400-420	56

EL-TCs



Electronic ballasts for compact fluorescent lamps

- Slim, only 28 mm high
- Multilamp operation
- Single and twin lamp operation
- Low power losses
- Single case size

18-40 W 220-240 V, 50-60 Hz



A2 BAT

Lamp type	Wattage	No. of lamps	Ballast	EEL	Connection	Weight	Circuit power	Mains current	Power factor	Lamp power
					(p.30)	(g)	(W)	(A)		(W)
TC-L	18	1	EL1/2x18-42TCs	A2 BAT	11	132	17	0.08	0.94c	14.8
	18	2	EL1/2x18-42TCs	A2 BAT	12	132	32	0.14	0.97	14.8
	24	1	EL1/2x18-42TCs	A2 BAT	11	132	26	0.12	0.95	23
	24	2	EL1/2x18-42TCs	A2 BAT	12	132	48	0.21	0.98	22.3
	36	1	EL1/2x36/38TCs	A2 BAT	11	132	37	0.17	0.96	34
	36	1	EL1/2x18-42TCs ^{1) 2)}	A2 BAT	12	132	31	0.14	0.96	28
	36	2	EL1/2x36/38TCs	A2 BAT	12	132	72	0.32	0.97	33
	40	1	EL1/2x18-42TCs ¹⁾	A2 BAT	11	132	42	0.19	0.98	39
TC-F	18	1	EL1/2x18-42TCs	A2 BAT	11	132	17	0.08	0.94c	14.8
	18	2	EL1/2x18-42TCs	A2 BAT	12	132	32	0.14	0.97	14.8
	24	1	EL1/2x18-42TCs	A2 BAT	11	132	26	0.12	0.95	23
	24	2	EL1/2x18-42TCs	A2 BAT	12	132	48	0.21	0.98	22.3
	36	1	EL1/2x36/38TCs	A2 BAT	11	132	37	0.17	0.96	34
	36	1	EL1/2x18-42TCs ^{1) 2)}	A2 BAT	12	132	31	0.14	0.96	28
	36	2	EL1/2x36/38TCs	A2 BAT	12	132	72	0.32	0.97	33

Note: See pages 30-33 for connection diagrams and additional characteristics.
1) Tested and recommended by Helvar, not ENEC approved
2) Light output 93 %

Dimensions	
Length 'a' (mm)	103.5
Width 'b' (mm)	67
Height 'c' (mm)	28
'd' (mm)	83.5
'e' (mm)	57.5
'f' (mm)	93.5
'g' (mm)	25.5

Delivery information					
Ballast	Unit package		Transportation package		
	Minimum delivery amount	Carton Box	Pallet 820x1280 (pcs.)	Pallet weight (kg)	Pallet height (cm)
EL-TCs	60	●	1800	260	105

