

# 17 EL-2 Technical Specifications

## 17.1 Control Panel

Control panel model		EL-2
Operating environment[°C]		5 - 40
Operating temperature [°C]*1		5 - 40
Dimensions (h x w x d) [mm]		347 x 276 x 76
Weight [kg] (includes 7 Ah battery)		8
Luminaire lines		2
Luminaires per line [pcs]		127
Maximum number of luminaires [pcs]		254
Areas		32
Mains transformer		220 VA/35 VAC
Mains AC in minimum 230 VAC -15% [VAC]		195.5
Mains AC in maximum 230 VAC +10% [VAC]		253
Maximum battery capacity [Ah]		7
Battery charge current [A]		0.4
Battery charge voltage [V] @20°C		13.8
Voltage outputs [V]		
Minimum voltage		10.0
Maximum voltage		14.5
Normal ripple (from nominal voltage) [mV]		50
Maximum ripple (from nominal voltage) [mV]		50
+12 VDC F3 [A]		0.5
+12 VDC F4 [A]		0.5
Total [A]		0.6
Current consumption motherboard [mA]		60
Standby time [h]		72.5
Outputs	Relay outputs [1A]	2
Serial Ports	PRG	RS232
	PRN	RS232
	CPN (for keypads)	RS485
	SER1+SER2*2	RS232/485

\*1 Indoors, 5–40°C.

\*2 Requires the EL-EXP serial port expander