

## EMERGENCY CONVERSION KITS

### LIDER PLUS & LIDER PLUS AUTOTEST

**MATERIALS:**

Polycarbonate body

**MOUNTING:**

Inside the fixture

**POWER SUPPLY:**

220±240 VAC/50-60 Hz

**LIGHT SOURCE:**

Linear and compact fluorescent lamps

**CHARGING:**

Maximum 12h; electronic energy-saving impulse charger

**AUTONOMY AND BATTERIES:**

1h, 2h or 3h; Ni-Cd or Ni-MH battery

**INSULATION CLASS:**

II

**IP RATING:**

IP20

**AMBIENT TEMPERATURE:**

t<sub>a</sub>: 0°C÷55°C

t<sub>a</sub>: -25°C ÷ 55°C – together with heater for low temperatures

**OPTIONS:**

PT – manual test button

AT – autotest

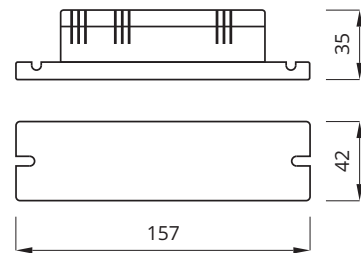
**ADDITIONAL INFORMATION:**

LED indicator signalizes mains power supply and battery charge

Deep discharge protection

Cooperation with magnetic and electronic ballasts

Optional adaptation of conversion kit for low temperatures up to -25°C



**LIDER PLUS – ORDER CODES**

CODE	POWER [W]	AUTONOMY [h]	OPTION	BATTERY
LEP/36/1	6 – 36	1	PT	Ni-Cd 3,6V 1,5Ah
LEP/36/2	6 – 36	2	PT	Ni-Cd 3,6V 2,5Ah
LEP/36/3	6 – 36	3	PT	Ni-Cd 3,6V 4,0Ah
LEP/58/1	6 – 58	1	PT	Ni-Cd 4,8V 1,5Ah
LEP/58/2	6 – 58	2	PT	Ni-Cd 4,8V 2,5Ah
LEP/58/3	6 – 58	3	PT	Ni-Cd 4,8V 4,0Ah
LEP/80/1	6 – 80	1	PT	Ni-Cd 6,0V 1,5Ah
LEP/80/2	6 – 80	2	PT	Ni-Cd 6,0V 2,5Ah
LEP/80/3	6 – 80	3	PT	Ni-Cd 6,0V 4,0Ah

**LIDER Ni-MH – ORDER CODES**

CODE	POWER [W]	AUTONOMY [h]	OPTION	BATTERY
LEH/36/1	6 – 36	1	PT	Ni-MH 3,6V 1,5Ah
LEH/36/2	6 – 36	2	PT	Ni-MH 3,6V 2,5Ah
LEH/36/3	6 – 36	3	PT	Ni-MH 3,6V 4,0Ah
LEH/58/1	6 – 58	1	PT	Ni-MH 4,8V 1,5Ah
LEH/58/2	6 – 58	2	PT	Ni-MH 4,8V 2,5Ah
LEH/58/3	6 – 58	3	PT	Ni-MH 4,8V 4,0Ah
LEH/80/1	6 – 80	1	PT	Ni-MH 6,0V 1,5Ah
LEH/80/2	6 – 80	2	PT	Ni-MH 6,0V 2,5Ah
LEH/80/3	6 – 80	3	PT	Ni-MH 6,0V 4,0Ah

**LEP PLUS AUTOTEST – ORDER CODES**

CODE	POWER [W]	AUTONOMY [h]	BATTERY
LEP/36/1/AT	6 – 36	1	Ni-Cd 3,6V 2,5Ah
LEP/36/2/AT	6 – 36	2	Ni-Cd 3,6V 4,0Ah
LEP/36/3/AT	6 – 36	3	Ni-Cd 3,6V 4,0Ah
LEP/58/1/AT	6 – 58	1	Ni-Cd 4,8V 2,5Ah
LEP/58/2/AT	6 – 58	2	Ni-Cd 4,8V 4,0Ah
LEP/58/3/AT	6 – 58	3	Ni-Cd 4,8V 4,0Ah
LEP/80/1/AT	6 – 80	1	Ni-Cd 6,0V 2,5Ah
LEP/80/2/AT	6 – 80	2	Ni-Cd 6,0V 2,5Ah
LEP/80/3/AT	6 – 80	3	Ni-Cd 6,0V 4,0Ah

**LIDER Ni-MH AUTOTEST – ORDER CODES**

CODE	POWER [W]	AUTONOMY [h]	BATTERY
LEH/36/1/AT	6 – 36	1	Ni-MH 3,6V 2,5Ah
LEH/36/2/AT	6 – 36	2	Ni-MH 3,6V 4,0Ah
LEH/36/3/AT	6 – 36	3	Ni-MH 3,6V 4,0Ah
LEH/58/1/AT	6 – 58	1	Ni-MH 4,8V 2,5Ah
LEH/58/2/AT	6 – 58	2	Ni-MH 4,8V 4,0Ah
LEH/58/3/AT	6 – 58	3	Ni-MH 4,8V 4,0Ah
LEH/80/1/AT	6 – 80	1	Ni-MH 6,0V 2,5Ah
LEH/80/2/AT	6 – 80	2	Ni-MH 6,0V 2,5Ah
LEH/80/3/AT	6 – 80	3	Ni-MH 6,0V 4,0Ah

**LED indicator**

LED color	Signal	Symbolizing
●	no signal	emergency mode / running test
	shining	defective battery
	flashing	defective lamp
●	no signal	emergency mode / running test
	shining	normal mode

**Test types (version AT):**

Test A is run automatically every 30 days

During test A a conversion kit is switched to emergency mode for 5 minutes and the following parameters are checked:

- control of battery power discharge
- control of battery voltage

Test B is run automatically every 360 days

During test B a conversion kit is switched to emergency mode for all duration time (1, 2, 3 hours) and the following parameters are checked:

- control of battery power discharge
- control of minimum battery voltage