

# POLAM-ELTA Sp. z o.o.

LED DIODES

LED CONTROL LAMPS

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## COMPLIANCE DECLARATION

NR 4/09/2007

**Producer:** POLAM-ELTA Sp. z o.o.  
Jerozolimskie Avenue 202  
02-486 Warsaw

**KRS Nr:** 0000190790  
**REGON:** 001416903

We declare with a full responsibility that **LED signal lamps BA9S** we manufacture:

**LG , LW , LY , LR , LB , LO** (parameters in accordance with catalogue data) comply requirements imposed by:

### 1. Low Voltage Directive

LVD 2006/95/WE

### 2. The standard norms (relating to the particular parts of a product):

- PN EN 612 36:2002 Works under voltage – bipolar indexes Nn
- PN-E-90500-1:2001 Wires of polyvinyl chloride insulation 450/750
- PN-80/E-85050 miniature light bulbs of general use
- PN-EN 983:2000 miniature light bulbs

**The year of obtaining CE sign: 07**

Warszawa 10.09.2007

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*Miejsce i data wystawienia*

PREZES ZARZĄDU

*Ireneusz Tonder*

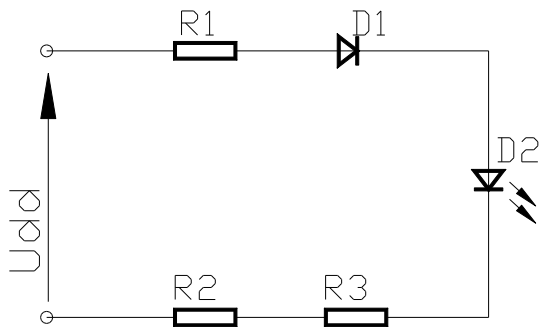
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*Nazwisko, stanowisko i podpis  
osoby upoważnionej*

## 1. Product description:

The declaration is concerned about LED signal lamps produced for a number of voltage ranging 24V-230V – AC (24 V; 30 V; 48V; 60V; 110V; 220V; 230V). The lamps are designed for electric accessories use.

## 2. Technological documentation:

All the signal LED lamps are based on the following circuitry:  
**Half-wave rectifier**



For 230 V-AC voltage, power consumption is 0,8W and for 24V-AC it is 0,25 W.

# INFORMATION CARD

## BA9S - 24V-AC/DC

## BA9S - 230V-AC



### LED CONTROL LAMPS 24V-AC/DC

Colour of the control lamp	Parameters			
	Luminosity AC	Luminosity DC	Wave length	Power AC/DC
red	700-800 mcd	1000-1500 mcd	635 nm	0,25 / 0,5 W
green	800-1000 mcd	2200-2400 mcd	530 nm	0,25 / 0,5 W
yellow	800-1000 mcd	1100-1250 mcd	590 nm	0,25 / 0,5 W
orange	600-800 mcd	650-750 mcd	610 nm	0,25 / 0,5 W
blue	300-400 mcd	750-850 mcd	470 nm	0,25 / 0,5 W
white	2000-2500 mcd	4000-5000 mcd	-	0,25 / 0,5 W

### LED CONTROL LAMPS 230V-AC

Colour of the control lamp	Parameters		
	Luminosity	Wave length	Power
red	200-250 mcd	635 nm	0,8 W
green	400-500 mcd	530 nm	0,8 W
yellow	250-300 mcd	590 nm	0,8 W
orange	150-170 mcd	610 nm	0,8 W
blue	90-100 mcd	470 nm	0,8 W
white	1100-1600 mcd	-	0,8 W

*Date of modernization: 09-03-2012*