

Electronic Ballast & Types



Electronic Ballast

The compatibility between UV lamps and ballasts is very important, but which is often ignored unfortunately in practical application. There are magnetic ballasts and electronic ballasts in the market, but the latter is more environmental than the former, saving energy.

Lightbest can provide multiform electronic ballasts and inverters compatible with UV lamps.

Classification of common electronic ballasts for low-pressure UV lamps:

According to the wiring method: plug, lead wire, integrated type (cable with power plug and lampholder).

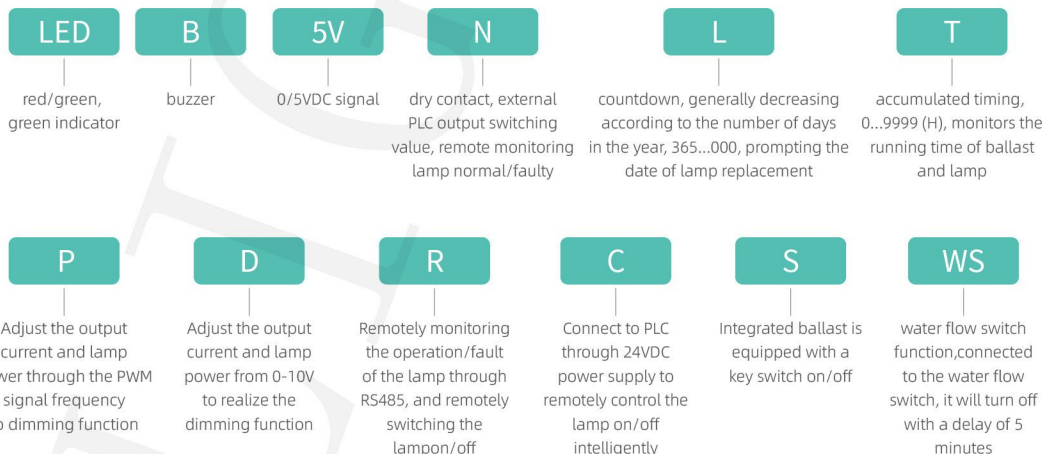
According to input voltage: AC series - single voltage 230VAC (220~240V) A-single voltage 120VAC (110~120V) U-wide voltage 110~240VAC 24VAC, etc.

DC series - DC12V and DC24V are commonly used, represented by D. Others can also be customized.

According to the startup method: Preheat start (PH, EPS, PS series, etc.), suitable for frequently turning on/off the lamp to extend the service life of the lamp;

Instant start (PL series, etc.), suitable for normally open or normally closed application scenarios.

According to function:



According to the waterproof grade: IP20,IP64,IP67....

According to the output current:
(the corresponding lamp current)

Standard output (current 150~450mA);High output (current 500~800mA)
Amalgam lamp (0.8A,1.0A, 1.2A, 1.5A, 1.8A, 2.1A, 3.0A, 5.0A, 6.0A, 8.0A, etc.)