

Ballasts

Unless otherwise specified, Williams' fixtures are provided with generic electronic ballasts. The term "generic" means the ballast/manufacturer utilized is determined by the factory. All ballasts are high quality, industry-recognized manufacturers, i.e. Advance, General Electric, Osram, ULT, or when necessary, substitutions equal in performance and warranty.

BALLAST STANDARDS

- Where available, a generic electronic ballast is provided.
- T5: Defaults to program start (14-, 21-, 24-, 28-, 39-, and 54-watt).
- TT (Long Twin Tube): Defaults to instant start (40-watt only).
- T8: Defaults to instant start.

Ballast Logic

EXAMPLE

EB HW 2/1 - 120

▼ BALLAST TYPE
 ▼ BALLAST OPTIONS
 ▼ # OF LAMPS
 ▼ VOLTAGE

ORDERING INFORMATION (Note: Generic ballasts are not manufacturer specific)

BALLAST TYPE

EB Electronic ballast
(Industry standard <10% THD)

T8 BALLAST OPTIONS¹

EB8P T8 program start electronic ballast, <10% THD

EBHW Instant start electronic ballast, high (1.2 typical) ballast factor

EBLW Instant start electronic ballast, low (.77 typical) ballast factor

EBHE High-efficiency electronic ballast

EB8PHW T8 program start electronic ballast, high (1.2 typical) ballast factor

EB8PLW T8 program start electronic ballast, low (.77 typical) ballast factor

EB8PHE T8 program start high-efficiency electronic ballast

T5HO BALLAST OPTIONS¹

EBPSP T5 program start parallel electronic ballast

T5S BALLAST OPTIONS¹

EB(115) T5 program start electronic ballast, 1.15 ballast factor, specify manufacturer, see codes below
Example: EB(115)2*AD

EB(95) T5 program start electronic ballast, .95 ballast factor, specify manufacturer, see codes below
Example: EB(95)1*UT

TT BALLAST OPTIONS¹

EBTP Twin tube program start electronic ballast

NUMBER OF LAMPS OPERATED PER BALLAST(S)¹

1 1-lamp ballast

2 2-lamp ballast

3 3-lamp ballast

4 4-lamp ballast

Examples:

- **EB2/2/2** = (3) 2-lamp electronic ballasts
- **EBD1** = (1) 1-lamp electronic dimming ballast

VOLTAGE¹

120 120V

208² 208V²

240² 240V²

277 277V

UNV Universal voltage (120-277V)

347² 347V²

480² 480V²

- ¹ Not all ballast options are available with all lamp quantities and voltages. Restrictions apply, consult factory.
- ² Availability determined by fixture, lamp and ballast type, consult factory.

Manufacturer-Specific Ballast Logic

EXAMPLE

EB 3 *AD - 120

▼ BALLAST TYPE
 ▼ # OF LAMPS
 ▼ MANUFACTURER CODE
 ▼ VOLTAGE

When a specific manufacturer is required, insert an asterisk followed by a two-letter code following the ballast type or ballast option. See ballast logic above. See manufacturer code examples to the right.

For specific models, insert an asterisk followed by the model number after the manufacturer code.

ORDERING INFORMATION

MANUFACTURER CODE EXAMPLES

***AD** Advance

***GE** General Electric

***LU** Lutron

***OS** Osram

***UT** Universal Lighting Technologies

