

## Product Information Bulletin

**BTH      BTL**  
**BTN      BTR**

### Biplane Filament Tungsten Halogen Lamps

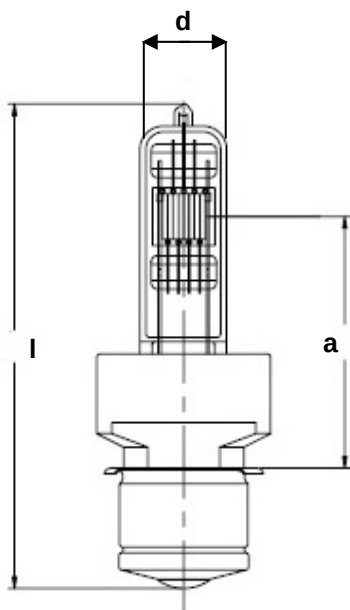
- Compact biplane filament design
- Designed for Fresnels using P28s Medium Prefocus Base
- Compact segmented filament
- Improved base design with better electrical contacts
- **BTH has similar output and color temperature (°K) to the HPL & GLC lamp**
- **BTH lamp won the ESTA Members' Choice Award in the Expendable Category at LDI 2008**



BTH Lamp



### Specification Information



| Lamp Description/ ANSI      | BTL    | BTH    | BTN    | BTR    |
|-----------------------------|--------|--------|--------|--------|
| <b>Electrical data :</b>    |        |        |        |        |
| Rated lamp wattage (W)      | 500    | 575    | 750    | 1000   |
| Rated lamp voltage (V)      | 120    | 115    | 120    | 120    |
| <b>Photometric data:</b>    |        |        |        |        |
| Lumens (lm)                 | 11,000 | 15,500 | 17,000 | 27,500 |
| Color temperature (k)       | 3,050  | 3,250  | 3,200  | 3200   |
| <b>Geometrical data:</b>    |        |        |        |        |
| Distance (mm) a             | 55.6   | 55.6   | 55.6   | 55.6   |
| Diameter (mm) d             | 19     | 19     | 19     | 19     |
| Maximum overall length (mm) | 127    | 127    | 127    | 127    |
| <b>Other data:</b>          |        |        |        |        |
| Average service life (hr)   | 750    | 300    | 500    | 250    |
| Base                        | P28s   | P28s   | P28s   | P28s   |
| Coil                        | C-13D  | C-13D  | C-13D  | C-13D  |
| Bulb                        | T6     | T6     | T6     | T6     |
| <b>Operating limits:</b>    |        |        |        |        |
| max. bulb temperature(°C)   | 900    | 900    | 900    | 900    |
| min. bulb temperature (°C)  | 250    | 250    | 250    | 250    |
| max. seal temperature (°C)  | 350    | 350    | 350    | 350    |
| Operating position          | s 90   | s 90   | s 90   | s 90   |

### Application Information

#### Applications

- Theater, Film, TV and Concert Lighting

#### Fixtures

- Fresnels & PC Spots using a Med. Prefocus base

#### WARNING

This lamp emits ultraviolet (UV) radiation and operates at high internal pressure. **Before use** read the complete warning accompanying the product.

#### Disposal

When disposing of spent lamps, always consult federal, state, local and provincial hazardous waste disposal rules and regulations to ensure proper disposal.