

Product Information Bulletin

BTH BTL
BTN BTR

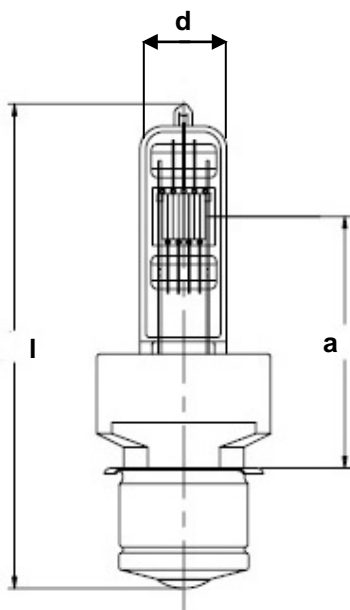
Biplane Filament Tungsten Halogen Lamps

- Compact biplane filament design
- Designed for Fresnels using P28s Medium Pre-focus 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 |
|-----------------------------|--------|--------|--------|--------|
| Electrical data : | | | | |
| Rated lamp wattage (W) | 500 | 575 | 750 | 1000 |
| Rated lamp voltage (V) | 120 | 115 | 120 | 120 |
| Photometric data: | | | | |
| Lumens (lm) | 11,000 | 15,500 | 17,000 | 27,500 |
| Color temperature (k) | 3,050 | 3,250 | 3,200 | 3200 |
| Geometrical data: | | | | |
| Distance (mm) a | 55.6 | 55.6 | 55.6 | 55.6 |
| Diameter (mm) d | 19 | 19 | 19 | 19 |
| Maximum overall length (mm) | 107 | 107 | 112 | 110 |
| Other data: | | | | |
| 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 |
| Operating limits: | | | | |
| 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.