

**Product Information Bulletin**

**BTH    BTL**  
**BTN    BTR**

**Biplane Filament Tungsten Halogen Lamps**

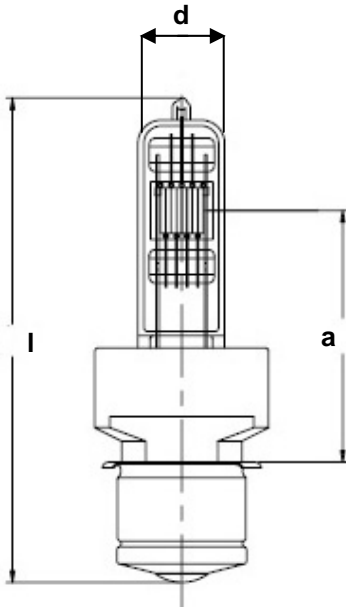
- Compact biplane filament design
- Designed for Fresnels using P28s Medium Prefocus Base
- Compact segmented filament
- Improved base design with better electrical contacts
- **BTH has similar output and color temperature (°K) to the HPL & GLC lamp**
- **BTH lamp won the ESTA Members' Choice Award in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

## Ordering Information

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Lamp Description	Product Number	Standard Case Quantity
BTL	54685	12/case
BTH <b>NEW</b>	54365	12/case
BTN	54687	12/case
BTR	54689	12/case

For Orders and General Information:

**In The United States:**

**OSRAM SYLVANIA**

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**Display/Optic**

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**Special Markets**

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**In Mexico:**

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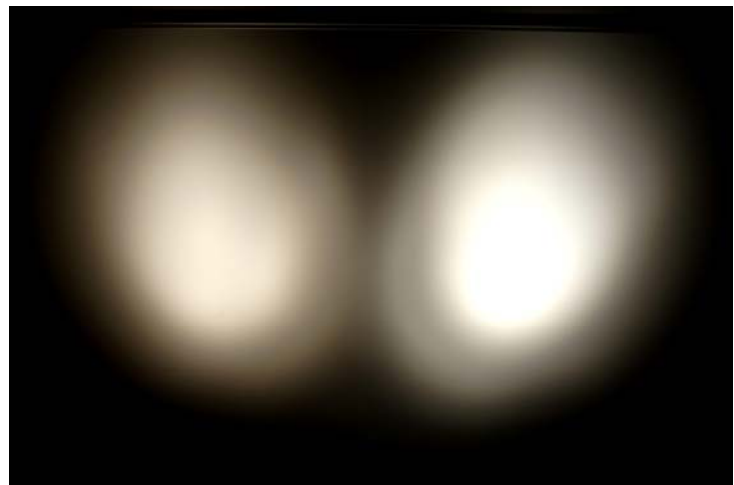


Photo of BTL beam (left) vs. brighter and whiter BTH beam (right)

In North America OSRAM brand lighting products are sold by OSRAM SYLVANIA