

Product Information Bulletin

BTH BTL
BTN BTR

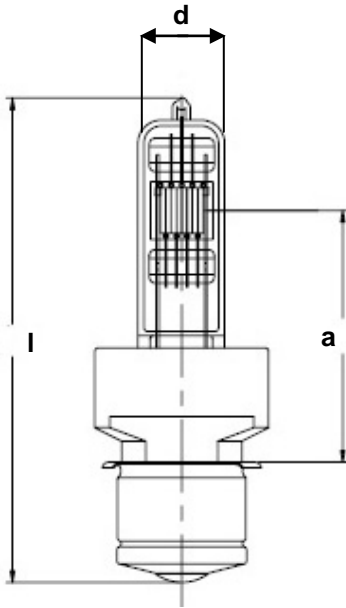
Biplane Filament Tungsten Halogen Lamps

- 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.

Ordering Information

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

For Orders and General Information:

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In Mexico:
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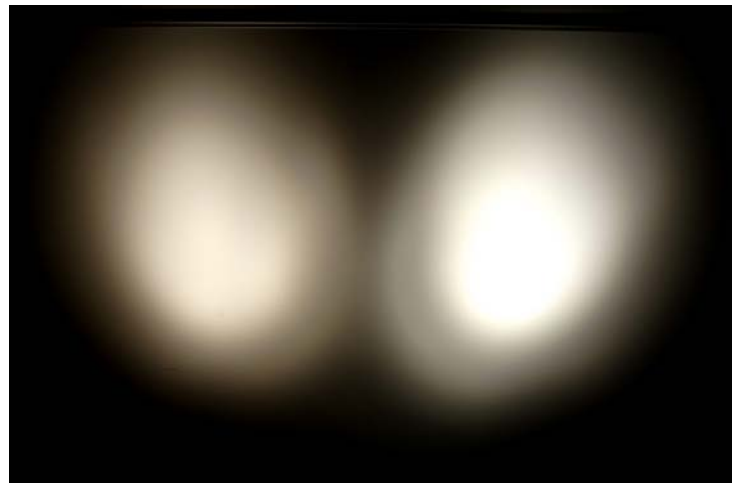


Photo of BTL beam (left) vs. brighter and whiter BTH beam (right)

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