

Product Information Bulletin

1000T6Q/RTP/FS

1000Q/T6/RTP/C

1000T6Q/RTP/CR/BULK

1000T6Q/RTP/X

Tungsten Halogen Lamps

- Special purpose heat lamp
- Improved electrical contact and excellent reliability
- Robust coil design that converts roughly 90% of electrical energy into radiant heat
- Easy to adjust and to replace
- G9.5 (metal or ceramic base)

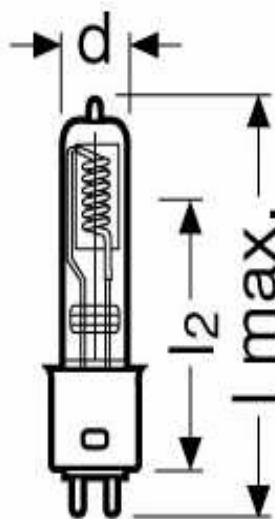


Diagram 1

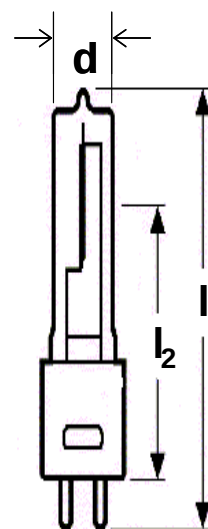


Diagram 2

Specification Information

Lamp Ordering Abbreviation Code:	1000T6Q/ RTP/FS	1000Q/T6/ RTP/C	1000T6Q/ RTP/CR/Bulk	1000T6Q/ RTP/X	
Diagram number:	1	1	2	1	
Electrical data:					
Rated lamp wattage (power)	1000	1000	1000	1000	W
Rated lamp voltage	120	120	120	120	V
Photometric data:					
Luminous flux	27,500	27,500	25,000	25,000	lm
Color temperature	3,200	3,200	2,950	2,950	K
Geometrical data:					
Diameter (d) max.	20	20	20	20	mm
Length l_2 max.	60.3	60.3	60.3	60.3	mm
Length l max.	101	101	101	101	mm
Other data:					
Average service life	300	300	2,000	2,000	Hrs.
Base	G9.5 Aluminum	G9.5 Ceramic	G9.5 Ceramic	G9.5 Aluminum	
Coil	CC-8	CC-8	CC-8	CC-8	
Bulb	T6 quartz	T6 quartz	T6 quartz	T6 quartz	
Lamp operation:					
Maximum bulb temperature	900	900	900	900	°C
Minimum bulb temperature	250	250	250	250	°C
Maximum seal temperature	350	350	350	350	°C

Application Information

Applications

- Semiconductor industry
- Rapid Thermal Processing (RTP)
- Chemical vapor deposition (CVD)
- Heat Processes
 - Ink drying
 - Food warming
 - Paint drying
 - Heat sterilizing
 - Wood processing

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
1000T6Q/RTP/FS	54584	12/case
1000Q/T6/RTP/C	54555	12/case
1000T6Q/RTP/CR/BULK	54560	15/case
1000T6Q/RTP/X	54752	12/case

For Orders and
General Information:
OSRAM SYLVANIA
National Customer
Support Center
18725 N. Union Street
Westfield, IN 46074

Display/Optic

Phone: 1-888-677-2627
Phone: 1-888-OSRAMCS
Fax: 1-800-762-7192

Special Markets

Phone: 1-800-762-7191
Fax: 1-800-762-7192

Industrial and Commercial

Phone: 1-800-255-5042
Fax: 1-800-255-5043

In Canada

OSRAM SYLVANIA LTD.

Headquarters
2001 Drew Road
Mississauga, ON L5S 1S4

Special Markets

Phone: 1-800-265-2852
Fax: 1-800-667-6772

Industrial and Commercial

Phone: 1-800-263-2852
Fax: 1-800-667-6772

Visit our website: www.sylvania.com

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