

Product Information Bulletin

Line Voltage Tungsten Halogen Lamp

Medium to High Voltage Single-Ended Lamps – Quartz Pinch Technology

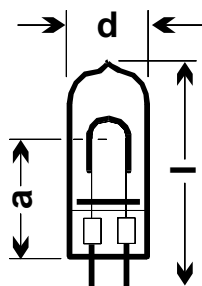
- Single-ended tungsten halogen UV-filter quartz glass
- Color temperature: 3,100 to 3,350K
- High lumen output

What is Pinch Technology?

OSRAM's patented quartz pinch technology is a new process for manufacturing main voltage halogen lamps. A thin and extremely sensitive filament wire is fixed directly in the bulb by "glass pinches". Support wires are not needed anymore. Fewer components inside the lamp reduce the contamination and enhance the halogen cycle. This new design provides a very rugged coil construction which makes the lamp extremely durable and resistant to shocks, vibrations and jolts. The internal fuse system ensures that the lamp is instantly switched off in critical situations.

Advantages of Pinch Technology:

- Brighter-up to 10% more light
- Filament wire is permanently fixed for longer bulb life
- Patented and integrated fuse system for automatic switch off
- Because of its design, the lamp can be operated in open luminaries



Specification Information

Lamp Ordering Abbreviation Code:	FNS 64512	64513	64514	64515	64516	
Electrical data:						
Rated lamp wattage (power)	300	300	300	300	300	W
Rated lamp voltage	120	120	120	230	230	V
Photometric data:						
Luminous flux	9,300	7,700	8,100	9,600	7,400	lm
Color temperature	3,350	3,200	3,200	3,300	3,100	K
Geometrical data:						
Length (l) max	53.0	53.0	53.0	53.0	53.0	mm
Diameter (d)	18.5	18.5	18.5	18.5	18.5	mm
Distance (a)	27	27	27	27	27	mm
Filament dimensions w x h	10 X 12.5	11 X 12.5	10.3 X 12.5	9.8 X 12.5	9.8 X 12.5	mm
Other data:						
Average service life	15	150	75	15	75	hrs
Base	GX 6.35	GX 6.35	GX 6.35	GX6.35	GX6.35	
Bulb	T6	T6	T6	T6	T6	
Operating position	S 90	S 90	S 90	S 90	S 90	

Application Information

- Entertainment and Studio
- Flashlights, Video
- Luminaries
- Professional Photography
- Scanners

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	NAED Code	Standard Case Quantity
FNS 64512	58849	12/case
64513	54275	12/case
64513	54355	25/case
64514	54354	12/case
64515	58524	12/case
64516	54356	12/case

For Orders and
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