

## FOOD INDUSTRY APPLICATIONS

Food warming is a large industry that utilizes a variety of (QIH) IR heater lamps to warm food efficiently and effectively. The addition of a reflector on the lamp allows the IR energy to be directed at the food minimizing the energy required to keep food warm.

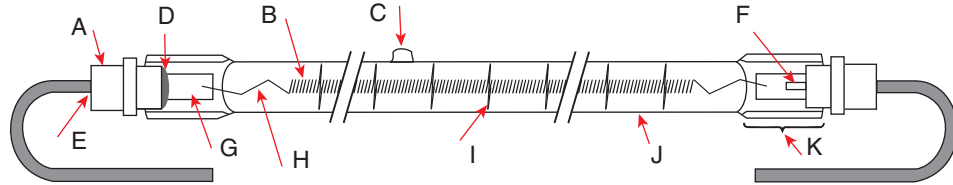


Volts (V)	Ordering Code	Lamp Description	Dimensions			Color Temp (K)	Avg Life (h)	Fig No	Lamp Notes
			MOL (mm)	LL (mm)	L1 (mm)				
<b>300 Watts</b>									
120	1001288	QIH120-300T/S	214.0	106	—	2450	6000	1	
<b>375 Watts</b>									
120	1001289	QIH120-375T/E	219.0	128	215	2500	6000	2	
120	1001290	QIH120-375T/S	223.0	128	—	2500	6000	1	
<b>500 Watts</b>									
120	1001297	QIH120-500T/E	220.0	127	216	2500	5000	2	
120	1001298	QIH120-500T/S	223.0	127	—	2500	5000	1	
<b>1000 Watts</b>									
240	1002250	QIH240-1000/VZH	357.5	272	—	2500	5000	5	IW, S
240	1001323	QIH240-1000/ZB	485.0	272	370	2500	5000	4	
240	1001325	QIH240-1000T/S	351.0	254	—	2500	5000	1	

# QIH REFERENCE GUIDE

## GENERAL PROPERTIES OF A QIH LAMP

- A Base
- B Filament
- C Filling Tip
- D Cement
- E Lead Wire
- F Outer Lead Rod
- G Molybdenum Foil
- H Inner Lead
- I Support
- J Bulb (Envelope)
- K Seal



## USHIO QIH PART NUMBER REFERENCE GUIDE

QIH240-1000  /

### Glass Type / Jacket Type

- T = Translucent Quartz
- C = Clear
- R = Ruby
- = No Indication; Clear Quartz

### Burning Position

- V = Vertical Burning
- = No Indication; Horizontal Burning

### Reflector

- Z = White Coated Reflector
- = No Indication; No Reflector

### Base Type

- B = Metal Clip Base
- E = R7s (Contact Type)
- S = Metal Sleeve w/Lead Wire
- C = Lead Wire; No Metal Sleeve
- L = Round Ceramic Base w/Lead Wire
- D = Flat Ceramic Base w/Lead Wire
- H = Flat Ceramic Base w/Lead Wire (no adhesive)

## USHIO QIH REFERENCE NOTES

### Dimensions

- MOL = Maximum Overall Length
- LL = Lighted Length (Filament Length) (Avg.)
- L1 = Contact to Contact Length

### Lamp Notes

- F = Faston Terminal
- FR = Faston Receptacle
- FT = Faston Tab
- IW = Insulated Wire
- R = Ring Tongue Terminal
- S = Spade Tongue Terminal / Standard Lead Wire Length: 145mm
- SS = Silicon Sleeve

