

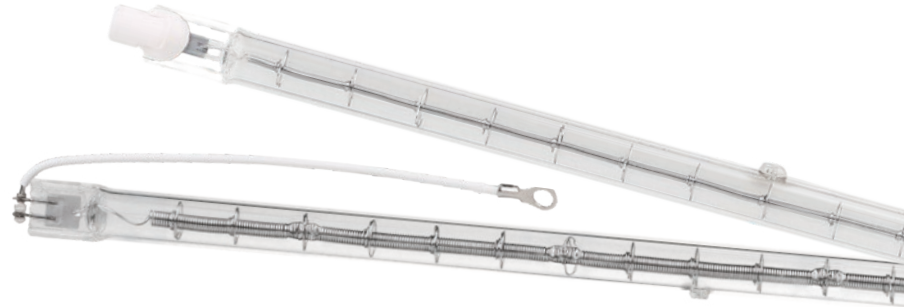
## GRAPHIC ARTS APPLICATIONS

The USHIO graphic art lamps are ideal for drying ink for graphic arts and silkscreen presses when printing on surfaces such as paper or textiles. With short and medium wavelengths, with wattages ranging from 375W to 6000W and the flexibility to customize lamps, USHIO's graphic art lamps are repeatedly chosen for their quality.



Volts (V)	Ordering Code	Lamp Description	Dimensions			Color Temp (K)	Avg Life (h)	Fig No	Lamp Notes
			MOL (mm)	LL (mm)	L1 (mm)				
<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	1001294	QIH120-500/S	223.0	127	—	2500	5000	1	
120	1001297	QIH120-500T/E	220.0	127	216	2500	5000	2	
120	1001298	QIH120-500T/S	223.0	127	—	2500	5000	1	
<b>800 Watts</b>									
120	1001299	QIH120-800T/S	303.0	203	—	2500	6000	1	
<b>1000 Watts</b>									
240	1001317	QIH240-1000/S	351.0	254	—	2500	5000	1	
240	1001318	QIH240-1000/S2	303.0	254	—	2500	5000	1	
240	1001319	QIH240-1000/S3	351.0	272	—	2500	5000	1	
240	1001320	QIH240-1000/VB	485.0	272	370	2500	5000	4	
240	1001322	QIH240-1000/VZD	357.5	272	—	2500	5000	5	IW, S
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	
<b>1200 Watts</b>									
144	1001300	QIH144-1200/S	224.0	155	—	2500	5000	1	
144	1001301	QIH144-1200/S2	228.0	155	—	2500	5000	1	IW, R
230	1003142	QIH230-1200/ZH	225.0	155	—	2700	3000	5	IW, S
<b>1350 Watts</b>									
115	1001287	QIH115-1350/L	317.0	256	—	2750	3000	3	IW
220	1001311	QIH220-1350/L	317.0	256	—	2750	3000	3	IW
<b>1500 Watts</b>									
230	1003235	QIH230-1500/ZL	453.0	360	—	2500	5000	3	IW, FR

## GRAPHIC ARTS APPLICATIONS



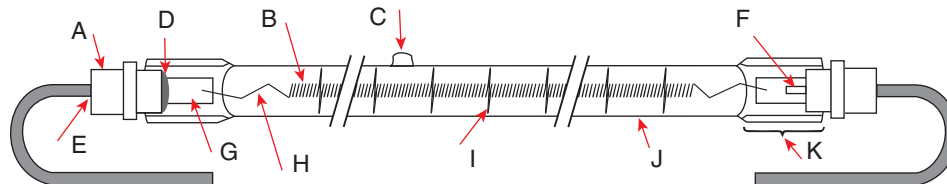
Volts (V)	Ordering Code	Lamp Description	Dimensions			Color Temp (K)	Avg Life (h)	Fig No	Lamp Notes
			MOL (mm)	LL (mm)	L1 (mm)				
<b>1600 Watts</b>									
208	1001305	QIH208-1600/L	502.0	407	—	2500	5000	3	
208	1001306	QIH208-1600T/E	499.0	407	495	2400	6000	2	
208	1001307	QIH208-1600T/S	503.0	407	—	2400	6000	1	
240	1001328	QIH240-1600/E	499.0	407	495	2500	5000	2	
240	1001330	QIH240-1600/S	503.0	407	—	2500	5000	1	
240	1001333	QIH240-1600T/E	499.0	407	495	2500	5000	2	
240	1001335	QIH240-1600T/S	503.0	407	—	2500	5000	1	
<b>2000 Watts</b>									
240	1001339	QIH240-2000/S	303.0	248	—	2500	5000	1	
240	1001340	QIH240-2000/S2	351.0	254	—	2500	5000	1	
240	1001343	QIH240-2000/VS	303.0	248	—	2500	5000	1	
240	1001344	QIH240-2000/VZD	357.0	280	—	2500	5000	5	IW, S
400	1001362	QIH400-2000/ZB	623.0	410	508	2500	5000	4	
<b>2500 Watts</b>									
480	1001373	QIH480-2500/S	732.0	635	—	2500	5000	1	
480	1001381	QIH480-2500T/S	732.0	635	—	2500	5000	1	
<b>3650 Watts</b>									
480	1001385	QIH480-3650/L	1062.0	965	—	2500	5000	3	
480	1001387	QIH480-3650T/L	1060.0	965	—	2500	5000	3	
<b>3800 Watts</b>									
570	1001393	QIH570-3800/S	1062.0	965	—	2450	5000	1	
<b>6000 Watts</b>									
480	—	QIH480-6000*	300.0	248	—	3150	—	7	

\*Call to Inquire

# 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

