

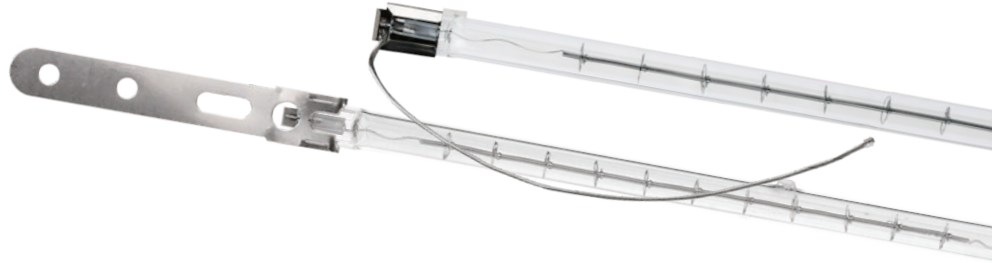
PAINT & INK DRYING APPLICATIONS

The importance of using infrared lamps for paint and ink drying applications is the quick and even drying of the paint and ink. This minimizes air movement, streaking, and dust particles adhering to the paint and ink surfaces. Pretreatment and primer coatings can easily be dried to achieve a much faster production process time. Infrared heating for paint applications are most commonly used on aluminum, metal, steel, and wood surfaces. Infrared heating of ink is mostly used for paper, cardboard, and textiles; as well as maintaining a consistent temperature for the ink cartridges.



Volts (V)	Ordering Code	Lamp Description	Dimensions			Color Temp (K)	Avg Life (h)	Fig No	Lamp Notes
			MOL (mm)	LL (mm)	L1 (mm)				
375 Watts									
120	1001289	QIH120-375T/E	219.0	128	215	2500	6000	2	
120	1001290	QIH120-375T/S	223.0	128	—	2500	6000	1	
500 Watts									
120	1001294	QIH120-500/S	223.0	127	—	2500	5000	1	
120	1001298	QIH120-500T/S	223.0	127	—	2500	5000	1	
240	1001352	QIH240-500/D	227.5	165	—	2600	4000	5	IW, S
800 Watts									
120	1001299	QIH120-800T/S	303.0	203	—	2500	6000	1	
1000 Watts									
240	1001317	QIH240-1000/S	351.0	254	—	2500	5000	1	
240	1001318	QIH240-1000/S2	303.0	254	—	2500	5000	1	
240	1001320	QIH240-1000/VB	485.0	272	370	2500	5000	4	
240	1001321	QIH240-1000/VD	357.5	272	—	2500	5000	5	IW, S
240	1001322	QIH240-1000/VZD	357.5	272	—	2500	5000	5	IW, S
240	1001323	QIH240-1000/ZB	485.0	272	370	2500	5000	4	
240	1001324	QIH240-1000/ZD	357.5	272	—	2500	5000	5	IW, S
1350 Watts									
115	1001287	QIH115-1350/L	317.0	256	—	2750	3000	3	IW
220	1001311	QIH220-1350/L	317.0	256	—	2750	3000	3	IW
1600 Watts									
144	1001302	QIH144-1600/S	229.0	150	—	2650	3000	1	IW, R
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	1001329	QIH240-1600/L2	502.0	407	—	2500	5000	3	
240	1001330	QIH240-1600/S	503.0	407	—	2500	5000	1	
240	1001331	QIH240-1600/S2	455.5	407	—	2500	3000	1	
240	1001333	QIH240-1600T/E	499.0	407	495	2500	5000	2	

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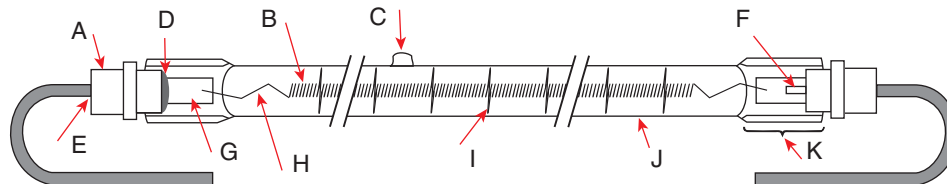


Volts (V)	Ordering Code	Lamp Description	Dimensions			Color Temp (K)	Avg Life (h)	Fig No	Lamp Notes
			MOL (mm)	LL (mm)	L1 (mm)				
1600 Watts									
240	1001334	QIH240-1600T/L	502.0	407	—	2500	5000	3	
277	1001357	QIH277-1600T/S	503.0	407	—	2500	5000	1	
2000 Watts									
240	1001339	QIH240-2000/S	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
240	1001350	QIH240-2000T/S	603.0	508	—	2500	5000	1	
400	1001345	QIH400-2000/VB	623.0	410	508	2500	5000	4	
400	1001362	QIH400-2000/ZB	623.0	410	508	2500	5000	4	
2500 Watts									
480	1001373	QIH480-2500/S	732.0	635	—	2500	5000	1	
480	1001376	QIH480-2500/VS	732.0	635	—	2500	5000	1	
480	1001381	QIH480-2500T/S	732.0	635	—	2500	5000	1	
3000 Watts									
240	1001351	QIH240-3000/S	503.0	410	—	2500	5000	1	
3650 Watts									
480	1001386	QIH480-3650/S	1059.0	965	—	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

