

CURING APPLICATIONS

The USHIO (QIH) IR technology for curing is targeted to provide heat to specific areas where and when it is needed on demand. With the increasing popularity of powder coating curing applications, IR lamps apply even distribution of heat, resulting in polished and smooth surfaces.

The heat tunnel photo shown on the right is used to cure the coatings on wood furniture.



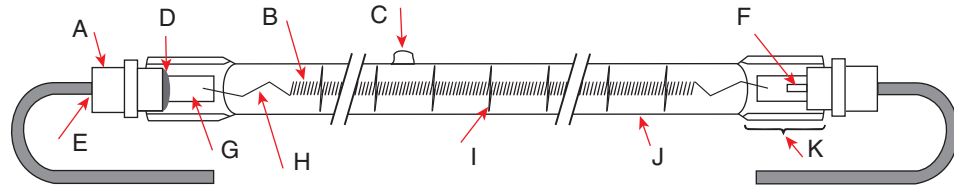
Photo courtesy of Prime Heat.

Volts (V)	Ordering Code	Lamp Description	Dimensions			Color Temp (K)	Avg Life (h)	Fig No	Lamp Notes
			MOL (mm)	LL (mm)	L1 (mm)				
300 Watts									
120	1001288	QIH120-300T/S	214.0	106	—	2450	6000	1	
375 Watts									
120	1001290	QIH120-375T/S	223.0	128	—	2500	6000	1	
1000 Watts									
240	1001317	QIH240-1000/S	351.0	254	—	2500	5000	1	
240	1001319	QIH240-1000/S3	351.0	272	—	2500	5000	1	
240	1001321	QIH240-1000/VD	357.5	272	—	2500	5000	5	IW, S
240	1002250	QIH240-1000/VZH	357.5	272	—	2500	5000	5	IW, S
240	1001325	QIH240-1000T/S	351.0	254	—	2500	5000	1	
1600 Watts									
240	1001329	QIH240-1600/L2	502.0	407	—	2500	5000	3	
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	
2000 Watts									
240	1001340	QIH240-2000/S2	351.0	254	—	2500	5000	1	
240	1001344	QIH240-2000/VZD	357.0	280	—	2500	5000	5	IW, S
240	1003404	QIH240-2000/ZH5	354.0	290	—	2400	5000	5	IW
240	1001350	QIH240-2000T/S	603.0	508	—	2500	5000	1	
400	1001362	QIH400-2000/ZB	623.0	410	508	2500	5000	4	
2500 Watts									
480	1001376	QIH480-2500/VS	732.0	635	—	2500	5000	1	
3000 Watts									
240	1001351	QIH240-3000/S	503.0	410	—	2500	5000	1	
3650 Watts									
480	1001387	QIH480-3650T/L	1060.0	965	—	2500	5000	3	
3800 Watts									
570	1001393	QIH570-3800/S	1062.0	965	—	2450	5000	1	
570	1001395	QIH570-3800/VS	1062.0	965	—	2450	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

