

SEMICONDUCTOR APPLICATIONS

Precise temperature and heating zones are required in the semiconductor industry. The USHIO (QIH) IR lamps provide a precisely controlled IR source that can meet the stringent needs of the semiconductor industry.



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	
500 Watts									
120	1001294	QIH120-500/S	223.0	127	—	2500	5000	1	
120	1001298	QIH120-500T/S	223.0	127	—	2500	5000	1	
120	1003201	QIH120-500T/S3	223.0	127	—	2500	5000	1	R
240	1001353	QIH240-500/ZD	227.5	165	—	2600	4000	5	IW, S
600 Watts									
104	1001285	QIH104-600/S	303.0	152	—	2500	6000	1	
800 Watts									
120	1001299	QIH120-800T/S	303.0	203	—	2500	6000	1	
1000 Watts									
240	1001318	QIH240-1000/S2	303.0	254	—	2500	5000	1	
240	1001319	QIH240-1000/S3	351.0	272	—	2500	5000	1	
240	1001323	QIH240-1000/ZB	485.0	272	370	2500	5000	4	
1200 Watts									
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
1300 Watts									
230	1003236	QIH230-1300/ZL	453.0	358	—	2500	5000	3	IW, F
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
1500 Watts									
230	1003235	QIH230-1500/ZL	453.0	360	—	2500	5000	3	IW, FR
240	1001327	QIH240-1500/S	303.0	235	—	2500	5000	1	

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			MOL (mm)	LL (mm)	L1 (mm)				
1600 Watts									
230	1003143	QIH230-1600/ZH	225.0	155	—	2700	3000	5	IW, S
240	1001330	QIH240-1600/S	503.0	407	—	2500	5000	1	
240	1001331	QIH240-1600/S2	455.5	407	—	2500	3000	1	
240	1002198	QIH240-1600/VS	503.0	407	—	2500	5000	1	
2000 Watts									
240	1001336	QIH240-2000/B	480.0	280	370	2500	5000	4	
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	1003405	QIH240-2000/ZD4	354.0	290	—	2500	5000	5	IW
240	1003404	QIH240-2000/ZH5	354.0	290	—	2400	5000	5	IW
240	1001350	QIH240-2000T/S	603.0	508	—	2500	5000	1	
2500 Watts									
400	1003570	QIH400-2500/ZD	381.0	310	—	2500	5000	5	IW
480	1001373	QIH480-2500/S	732.0	635	—	2500	5000	1	
480	1001376	QIH480-2500/VS	732.0	635	—	2500	5000	1	
575	1001399	QIH575-2500/S	732.0	635	—	2500	5000	1	
3000 Watts									
240	1001351	QIH240-3000/S	503.0	410	—	2500	5000	1	
3200 Watts									
384	1001360	QIH384-3200/S	456.0	406	—	2500	3000	1	
3650 Watts									
480	1001385	QIH480-3650/L	1062.0	965	—	2500	5000	3	