SOLAR SIMULATION APPLICATIONS

The USHIO (QIH) IR lamps are used in the solar simulation industry to mimic the sun's spectral output in the IR region. The combination of visible light and IR light allows research of the complete affect of the sun on materials and testing of solar panel efficiencies.

Volts (V)	Ordering Code	Lamp Description	Dimensions MOL (mm)	Dimensions LL (mm)	Dimensions L1 (mm)	Color Temp (K)	Avg Life (h)	Fig No	Lamp Notes
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
1350 Watts									
115	1001287	QIH115-1350/L	317.0	256	—	2750	3000	3	IW
1600 Watts									
240	1001330	QIH240-1600/S	503.0	407	—	2500	5000	1	
2000 Watts									
240	1001340	QIH240-2000/S2	351.0	254	—	2500	5000	1	
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	1001385	QIH480-3650/L	1062.0	965	—	2500	5000	3	
480	1001386	QIH480-3650/S	1059.0	965	—	2500	5000	1	