



Thermon
South Africa (Pty) Ltd.



Halogen Infrared Heaters



Halogen Infrared heaters emit in the near-infrared region and excel with very high radiation intensity and very fast response time. They are ideally suited for drying and curing processes where deep penetration and rapid response is required. They can be supplied with different reflective coatings and terminations.

Coatings:

Gold coating ("G") ensures optimal reflection of infrared heat onto the target surface (95%), thus ensuring high efficiency and significantly reduced heat dissipation towards the rear of the heater. This eliminates the need for additional reflectors to be fitted.

Ceramic coating ("C") offers a more cost efficient option to gold reflectors while still providing good reflective properties.

No coating ("N") reduces the capital expenditure on the infrared emitters but necessitates external reflectors

Terminations:

L



R7s



X



U



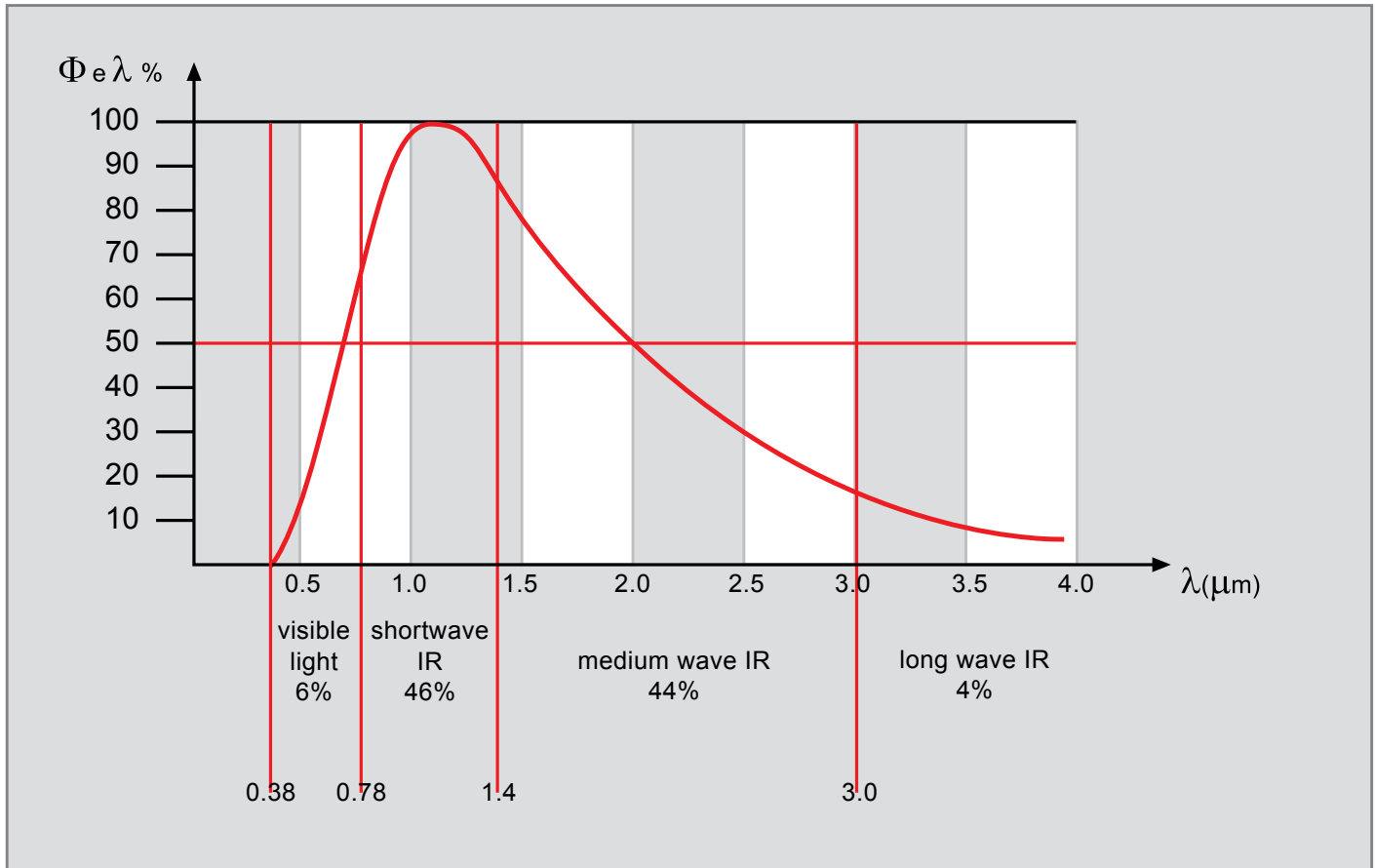
Y



total length



Spectral radiation distribution:



Standard range:

Stock Code	Reflector	total length	heated length	power (W)	voltage (V)	section (mm)	length of connection wire	Termination
UHI-CS1000-036A	C	360	265	1000	230	10	300	Y
UHI-CS2000-035A	C	350	250	2000	230	10	300	Y
UHI-CS2500-038B	C	380	315	2500	400	10	300	Y
UHI-CS3000-038B	C	380	310	3000	400	10	300	Y
UHI-HH45131481Y	G	227	165	500	235	10	200	Y
UHI-HH45131731Y	G	355	272	1000	235	10	200	Y
UHI-HH45131732Y	G	350	254	1000	240	10	200	Y
UHI-HH45131738Y	G	503	406	1600	240	10	200	Y
UHI-HH45131740Y	G	355	280	2000	235	10	200	Y
UHI-HH45131740Y	G	498	410	2000	235	10	200	Y
UHI-HH45131745Y	G	731	635	2500	480	10	200	Y
UHI-HH45131746Y	G	788	700	3000	400	10	200	Y
UHI-HH45131749Y	G	1062	965	3650	480	10	200	Y



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