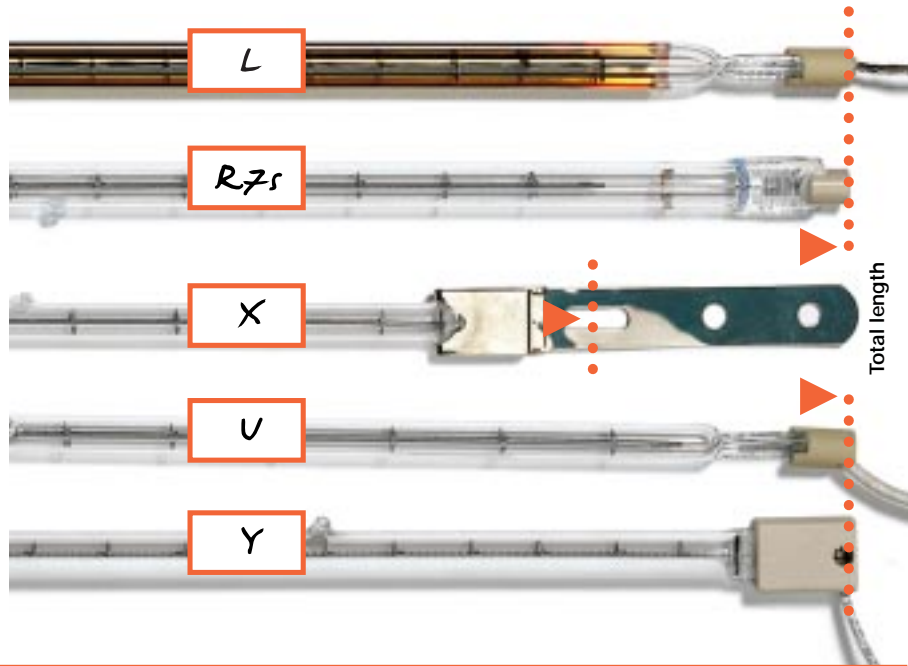


INFRALIGHT – HALOGEN INFRARED EMITTERS

InfraLight emitters can be supplied with a choice of different emitter configurations. With any inquiry or order, please include the socket designation (e.g. 4513 1740Y).

Emitters can be fitted with different reflectors, as required. When ordering, please specify the reflector designation (e.g. 4513 1740 YG).

The total length of the emitter, for emitter configurations L, R7s, U and Y, is the length between the ends of the complete emitter. For emitter configuration X, the length is the fitting length from the centre of the fitting hole in the metal plate (see diagram). For further information, please ask for our data sheets.

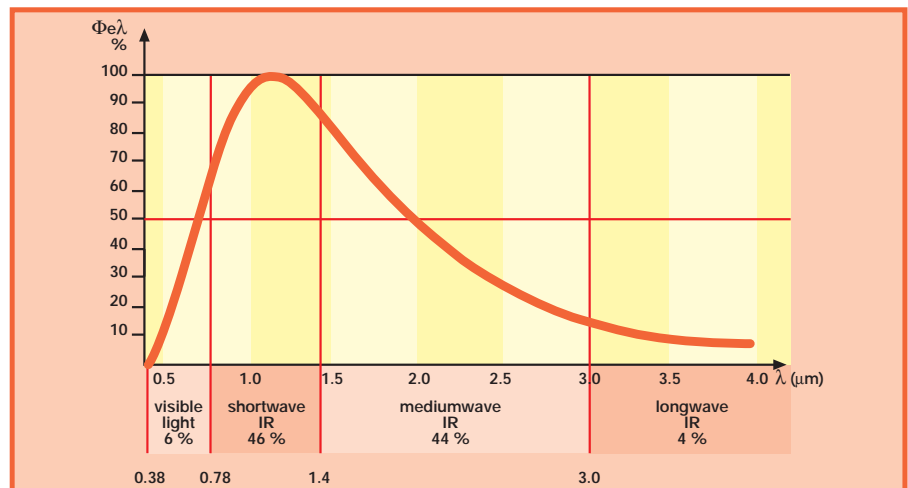


THE STANDARD RANGE

Power [Watt]	Rating [Voltage]	Heated Length [mm]	Emitter Configuration					Total Length [mm]	Reflector			Type No.
			L	R7s	X	U	Y		Without O	White W	Gold G	
500	235	165	227	216	236	227	222	●	●	●	4513 1481	
1000	235	272	355	344	365	355	348	●	●	●	4513 1731	
1000	240	254	350	340	360	350	346	●	●	●	4513 1732	
1600	240	406	503	493	513	503	499	●	●	●	4513 1738	
2000	235	280	355	344	370	355	348	●	●	●	4513 1740	
2000	235	410	498	488	508	498	494	●	●	●	4513 1742	
2500	480	635	731	721	741	731	727	●	●	●	4513 1745	
3000	400	700	788	778	798	788	784	●	●	●	4513 1746	
3650	480	965	1062	1052	1072	1062	1058	●	●	●	4513 1749	

InfraLight Lamps with Gold Reflector

Without reflector emitters radiate 50% of the infrared radiation to the rear and 50% forwards. Consequently, only 50% of the potential radiation is available to heat a surface. With white reflectors about 72% is available and with the Gold reflector 95% of the available radiation is directed at the workpiece surface.



Spectral radiation distribution of an IR emitter at 2400 K (2450 K colour temperature).