



Thermal Radiation (Blackbody Radiation)

- Heat up hot plate
 - It glows more brightly as it gets hotter

• It changes color as it gets hotter

<u> </u>		0		
	Temperature			Color
	°K	°C	°F	
Completely cold.	0	-273	-459	Does not emit light
Body temperature.	310	37	99	Infrared
Blowtorch.	4000	3727	6740	Red-hot
Blast furnace.	6000	5727	10,340	White-hot
Hotter still.	7500	7227	13,040	Blue-hot







