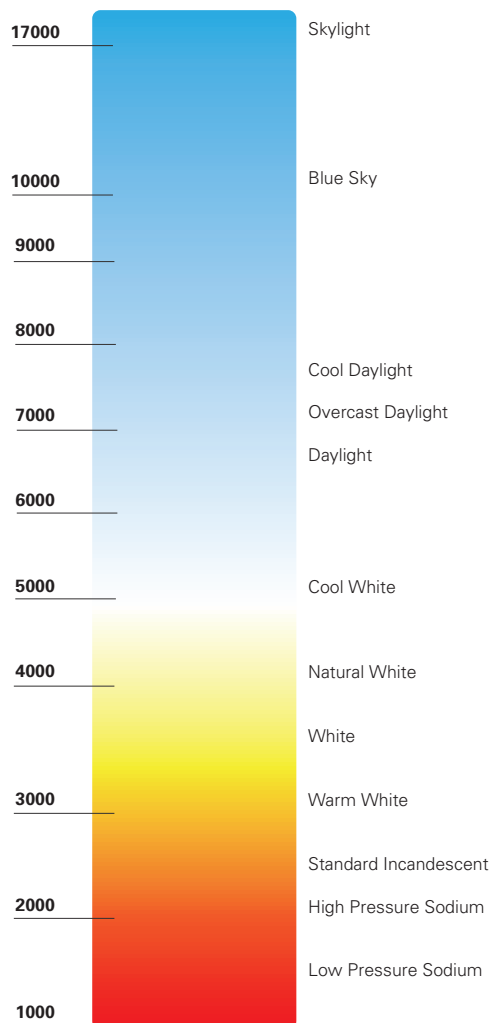


Colour temperature



Colour temperature defines the appearance of a light source, from cool through to warm. It is referred to by its Correlated Colour Temperature (CCT) and is rated in degrees Kelvin (K). Warm sources have lower values such as 2,700K compared with cool sources, typically 4,500K and above.

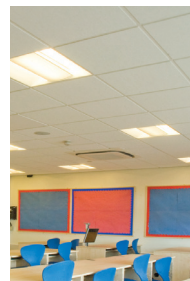
Warm LEDs are typically used where a relaxed atmosphere is needed, such as hotels, restaurants and domestic environments.

A cool appearance is often preferred for commercial locations such as offices and factories. In particular water features, glass and stainless steel often respond better to a whiter light source.

TEMPERATURE	EFFECT	APPLICATION
Warm white 3000K	Friendly, personal	Reception areas, meeting rooms
Natural white 4000K	Inviting	Classrooms, railway stations
Cool white 5000K	Neat, clean, efficient	Housing, hospitals, car parks



3000K



4000K



5000K