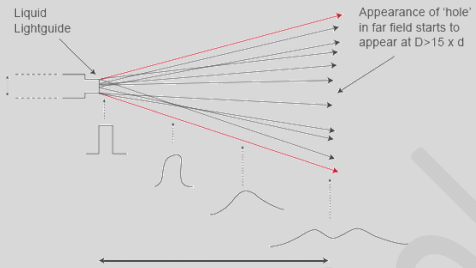
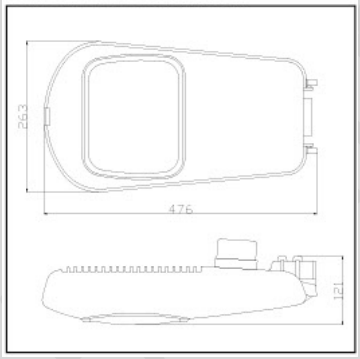
LED Makeup

LED's are manufactured to produce light; they are (light emitting diodes). By using these small inexpensive alternatives to traditional incandescent style bulbs, potentially you will conserve energy and ultimately use less power to run. This amounts to around 12.5% of the power requirements needed, so the potential to save money is huge. Lighting our towns and cities require a vast amount of generated power, this involves great investments to produce.



On average the initial costs of changing lighting to LED technology can be recovered reality quickly. By introducing another method of generating the power needed to power these LED's would conserve even more. This creates an introduction into solar powered lighting technology. By using the correct amounts of generated energy it is possible to store power for uses later when required.

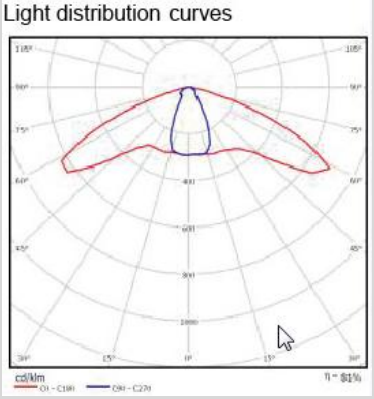
Constructional dimension



LED's are designed to perform in many ways, beam style, angle pattern, colour, luminescences and wave lengths. Whereas temperature fluctuations can be very damaging, this is why it is important to invest in the correct product matched to your needs. LED's work efficiently in stable low temperatures so it is important to make sure that the LEDs purchased are of a known quality otherwise the problems with failure could create issues. Using the correct dissipation of heat necessary can perform using finned caseins that hold the circuit in an ambient state to reduce the risks of the increased potential heat. LEDs should be cool and safe enough to touch.

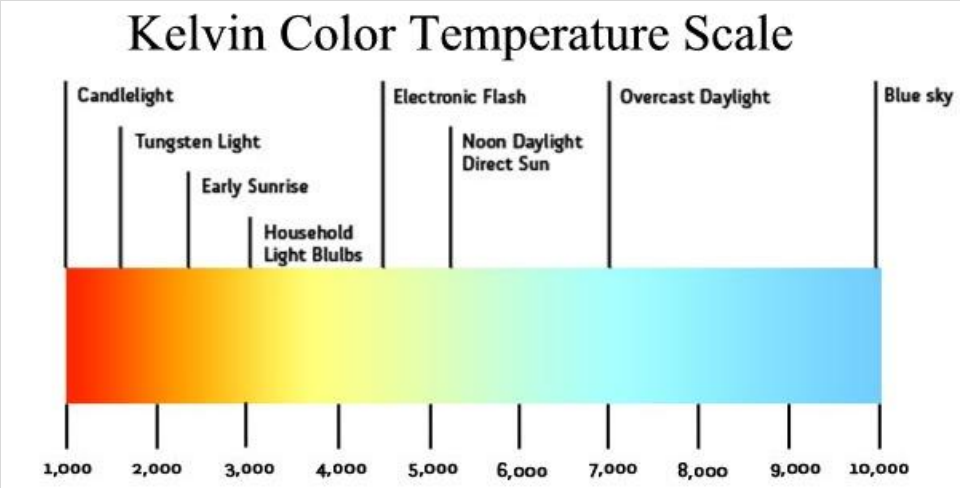
Beam styles can be identified by coverage or the propagation of accumulated light at the centre of the beam. This provides the initial calculation of concentrated light over a specific distance. The beam angle can be derived by the focal point of the covering lenses; these then provide the light angle pattern at the delivery point in variations to match the customer's requirements.

Light distribution curves

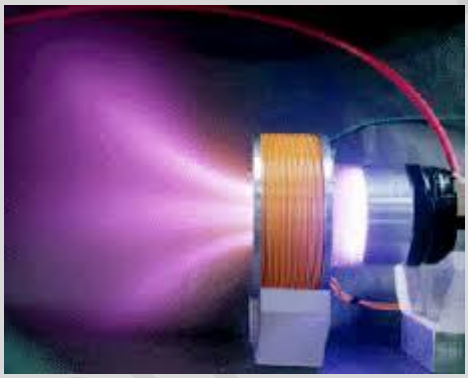


LED Makeup

Colour temperatures (CRI) are a characteristic of visible light, usually defined as wavelength. We usually look at these different colours along the Kelvin scale as it is easier to define this to the human eye.



LED's can provide what is required; this is designed to improve our lifestyle. Luminescence is probably one of the most important factors when delivering light. It determines the intensity of the light at a given point.



So to recap, the quality of LED chipsets determine the performance that provide the correct outcome.

We endeavour to provide the best possible products matched to our future developments.

DRAGONS BREATH

LED's designs used in our products

Contact Details
Dragons Breath
Tel 01646 600151
info@solardragons.co.uk
www.dragonsbreathsolar.co.uk