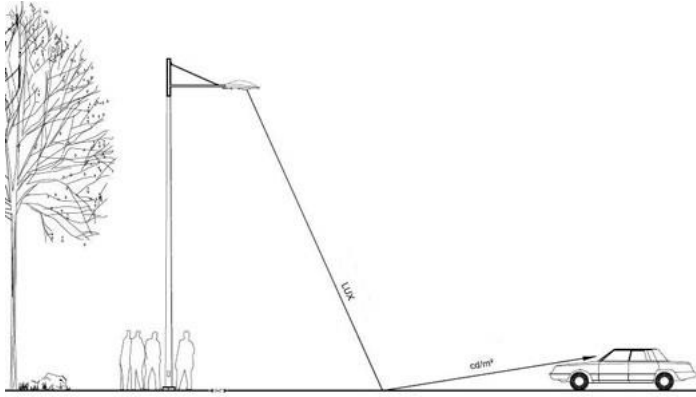


Luminance

Luminance Is The Concept For The Luminous Intensity Emitted Per Unit Of Area Of A Surface In A Specific Direction.

It measures the light as perceived by the human eye. The visibility of all surfaces and objects being in our field of vision is due to their luminance, while illuminance levels are in fact not perceived.

The unit is the candela per square metre (cd/m^2).



Surfaces with different reflecting properties will have the same illuminance, but different luminance. The main criterion requested by the standard for road lighting applications is the luminance of the road surface. The good knowledge of the light reflection characteristics of the road pavements is consequently of main importance for achieving an accurate lighting design.