

Glossary

Base Units

ampere (A) electric current
candela (cd) luminous intensity
kelvin (K) thermodynamic temperature
kilogram (kg) mass
metre (m) length
mole (mol) amount of substance
second (s) time

Derived Units

ampere per square metre (A m^{-2})
density

candela per square metre (cd m^{-2})
luminance
cubic metre (m^3) volume
cubic metre per kilogram
($\text{m}^3 \text{kg}^{-1}$) specific volume
metre per second (m s^{-1}) velocity
metre per second squared (m s^{-2})
acceleration
mole per cubic metre (mol m^{-3})
concentration
per metre (m^{-1}) wave number
square metre (m^2) area