



ISOLED KNOWLEDGE

**ENERGY  
EFFICIENCY  
CLASSES**



**ISOLED<sup>®</sup>**

CUSTOMISED LIGHT SOLUTIONS

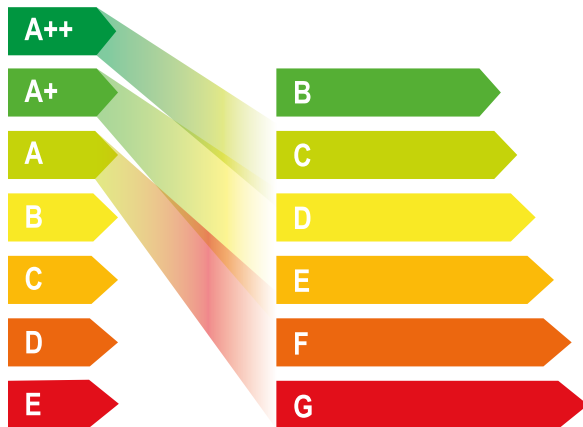


## ENERGY EFFICIENCY CLASSES

### Good to know!

The **new** energy efficiency classes are now calculated according to the **luminous efficacy** of the lamps. This describes how much **luminous flux** (lumens) can be obtained from **power** (watts).

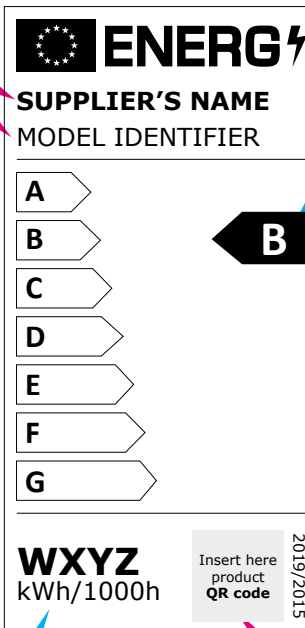
Due to this new assessment method, it is not possible to translate the old efficiency classes to the new ones. Each light source must therefore be recalculated.



The entire product range of ISOLED® follows the EU directives for LED lamps. (EPREL)

The EU Regulation 2017/1369 provides, among other things, for mandatory labelling of all light sources. The new energy label divides light sources into 7 classes : from A for „very efficient“ to G „less efficient“.

Manufacturer name  
Model designation



Energy efficiency class  
new: from A (best) to G (worst)

EU regulation number

Energy Consumption  
in kilowatts per 1,000 hours of use

QR code  
for device details in the EU database

### Why a new label?



The A+++ to D scale, is no longer accurate enough to enable consumers to identify the most energy efficient products. Most products can be found in the 2-3 highest classes. The new scale makes it easier to compare similar products.