# PRODUCT CLASSIFICATION

# A STANDARD FOR INTERNATIONAL E-COMMERCE

## ETIM Technical Information Model
### multilingual - media neutral - supplier neutral

**ETIM**
*International*

# Product classification

ETIM International offers an open standard for the unambiguous grouping and specification of products in the installation and building sector using a uniform product classification model. This classification uses: product classes, features, values and synonyms that make it easy to find the right product. The product classification itself is no 'final product', but offers a structure for an electronic product database and applications such as an online web shop, search engine or configuration software. ETIM classification is multilingual, media and supplier neutral.

| Product Information | |
|---|---|
| Manufacturer | |
| Productcode | 21200625 |
| GTIN product | 8727900212006 |
| Description | Downlighter ES 7W WW E14 R50 1CT |
| Productclass | Compact fluorescent lamp with integrated ballast ➜ |
| Describes | Pieces (PCE) |
| Brand | |
| Series | Downlighter ESaver |
| Type | PLE7WE14R50MINI |
| Net weight | 54 GRM |
| Last mutation | 15-11-2009 |

*Example of a product classified according to ETIM*



| Characteristic | Value |
|---|---|
| Lamp power | 7 W |
| Lamp voltage | 240 V |
| Frequency | 50 Hz |
| Luminous flux | 160 lm |
| Socket | E14 |
| Lamp shape | Reflector |
| Glass type | Matt |
| Colour temperature | 2700 K |
| Colour of light acc. EN 12464-1 | Warm < 3300 K |
| Colour of light | 827 |
| Suitable for emergency power with DC supply | ⊗ |
| Diameter | 50.8 mm |
| Outdoor application | ✔ |
| Integrated twilight sensor | ⊗ |
| Suitable for frequent switching | ✔ |
| Total length | 97 mm |
| Black light lamp | ⊗ |
| Energy efficiency class | B |
| Average nominal lifespan | 10000 h |

## Advantages of a uniform product classification

The advantages of a uniform product classification and uniform communication standards become apparent in the various logistic processes in the supply chain, but also by the improvement of the internal processes in the companies themselves. The companies participating take a giant leap towards improvement of their added value, reducing errors and avoiding unnecessary costs. Thanks to a better and faster service they can obtain considerable efficiency advantages.
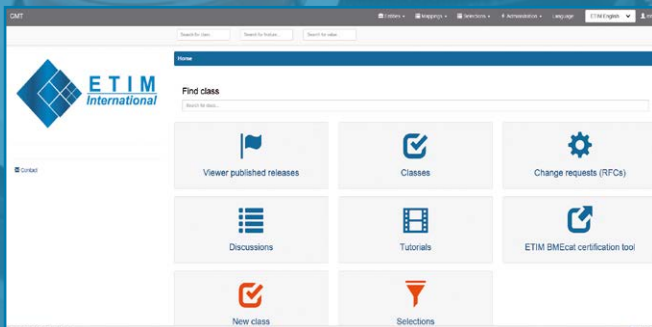
### MAJOR ADVANTAGES

- **Minimizing failure costs by reduction of wrong orders and deliveries.**
- **Avoid double work. No repetition of manually entering information because this is already electronically available.**
- **Savings on order costs.**
- **Optimization of catalogue management (media neutral, as well digital as printed).**
- **Heighten information level through elaborate and correct product information.**
- **Language independent, international processing in many languages.**
- **One on one marketing to target group possible.**
- **Statistical analyses en management reporting on class level.**
- **No more searching of products, but finding!**

# ETIM International, a standard that works!

Uniform, electronic and reliable data communication within the installation and building sector. ETIM International makes it work. With the ETIM Technical Information Model, ETIM provides the sector with a uniform and up to date product classification. Besides, ETIM develops communication standards for standardized and unambiguous exchange of data.

The association **ETIM International** is a partnership of national ETIM organizations and has its official seat in Brussels. ETIM International is founded to join forces in the development, maintenance, publishing and promotion of one ETIM model for the classification of technical products. The power of ETIM is the collective; independent and sector wide organizing is the only way to success. The focus of ETIM International for the presence lies on the classification of installation, building and shipbuilding products, but the association is open for entry of other related industry sectors.

An international and multilingual online database is the basis for the management and development of the ETIM model. This way an effective collaboration on the content and optimal communication between the members is achieved. All pending change requests are visible publicly.

*Screenshot online*
*Classification Management Tool*

## ETIM International in a broader perspective

Standardization is supposed to be stable and future-proof and at the same time flexible and future-oriented. Therefore it is crucial to be and stay connected to the world around ETIM as much as possible and where possible co-determine or at least exercise an influence. For that ETIM International plays an active role in several standardization initiatives in order to root the ETIM classification widely and to increase the use. Among others an active cooperation is concluded with buildingSMART International and eCl@ss. New developments like ETIM MC (Modelling Classes) will further increase the importance of ETIM for BIM (Building Information Modelling).

## Did you join us yet?

Key word at the success of the ETIM classification model is collaboration. Together we want to reduce costs in the supply chain. Your company can also profit from the advantages and cost savings by using ETIM standards.

**Profit together, then organize together. Aren't you an ETIM member yet, register with your local ETIM organization or contact ETIM International!**

## product classification standard for international e-commerce

# Product classification standard for international e-commerce

## Product data exchange

Standard communication formats are available for electronic data exchange between manufacturer, wholesaler and contractors on the basis of the ETIM classification. Besides existing national communication formats the XML standard BMEcat is the preferred standard for international ETIM product data exchange. ETIM International has developed guidelines on how to exchange ETIM based product data using the BMEcat format. In some countries a central branch database is in place for efficient data exchange.

## Participants

At this moment the following countries have a local ETIM organization that is a member of ETIM International, please contact them for further information on ETIM in your country:

| | Country | Website | Contact |
|---|---|---|---|
| | Austria | www.etim.at | at@etim-international.com |
| | Belgium | www.etim.be | be@etim-international.com |
| | Denmark | www.etim.dk | dk@etim-international.com |
| | Finland | www.etim.fi | fi@etim-international.com |
| | France | www.etim-france.fr | fr@etim-international.com |
| | Germany | www.etim.de | de@etim-international.com |
| | Italy | www.etim-international.it | it@etim-international.com |
| | Lithuania | | lt@etim-international.com |
| | Norway | www.etim-norge.no | no@etim-international.com |
| | Poland | www.etim.org.pl | pl@etim-international.com |
| | Russia | | ru@etim-international.com |
| | Spain | www.etim-spain.es | es@etim-international.com |
| | Sweden | www.etim.se | se@etim-international.com |
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| | United Kingdom | www.etim-uk.co.uk | uk@etim-international.com |
| | USA/Canada | www.etimnorthamerica.com | us@etim-international.com |

**For the most recent list of member countries and participating organizations: www.etim-international.com**

## More information

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## ETIM Technical Information Model

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