ENERGY EFFICIENT BUILDINGS NATIONAL U-VALUE REQUIREMENTS

Rooflights | Roof hatches | NSHEVs

UK (England)

2.2-3.0 W/m²K

Different limits apply by **product type**

- ✓ **Rooflights**
- ✓ **Roof ventilators / NSHEVs**

Approved Document L

BELGIUM (Flanders)

1.5-2.0 W/m²K

Different limits apply **depending on material**

- ✓ **Rooflights**
- ✓ **Roof hatches**

Flanders Energy Decree (Bijlage VII)

DENMARK

1.4 W/m²K

Maximum U-value defined at national level

- ✓ **Rooflights**
- ✓ **NSHEVs**

Danish Building Regulation (Bygningsreglementet)

FINLAND

0.7-1.4 W/m²K

Depends on building and product type

- ✓ **NSHEVs**
- ✓ **Plastic rooflights and roof hatches**

Decree of the Ministry of the Environment on the Energy Efficiency of New Buildings

IRELAND

1.4-3.0 W/m²K

Depends on building type and application

- ✓ **Rooflights**

Building Regulations 2022 Technical Guidance Document L

POLAND

0.9-1.4 W/m²K

Depends on building characteristics and use

- ✓ **Fixed transparent roof surfaces (rooflights)**

Technical Conditions Regulation (WT)

GERMANY

1.4-2.5 W/m²K

Different limits apply by **material and building characteristics**

- ✓ **Rooflights**
  - **Plastic**
  - **Glass (incl. curtain walling)**

German Energy Efficiency Act (GEG)

FRANCE

NO maximum U-value required

Performance requirements set via **building type**

- ✓ **Rooflights**

French Environmental Regulation (RE 2020)

SPAIN

NO maximum U-value required

Performance requirements set via **calculation tables**

- ✓ **Rooflights**

Spanish Building Code (CTE) - solar shading factors in Table 19

Source: EUROLUX Paper - Optimisation of the Roof Roof-integrated solutions and building energy performance