

HORTICULTURAL LUMINAIRES WITH LEDS

ENEC MARK: SAFETY AT FIRST SIGHT

HIGH QUALITY EUROPEAN MARK

TO GUARANTEE SAFETY AND COMPLIANCE WITH REGULATORY REQUIREMENTS,
OFFERING ADVANTAGES IN TERMS OF RELIABILITY, INTERNATIONAL RECOGNITION & COMPETITIVE EDGE FOR THE BUSINESS

OUR LUMINAIRE STANDARD FOCUSES
EXCLUSIVELY ON LUMINAIRES WITH
VISIBLE LIGHT SOURCES

WITH HORTICULTURAL LIGHTING
STANDARDS NOT ANTICIPATED FOR THE
NEXT 3-4 YEARS, OUR ENEC
REQUIREMENT SHEET PROVIDES A
CRUCIAL SOLUTION.



THE ENEC MARK GUARANTEES COMPLIANCE
WITH THE LATEST SAFETY STANDARDS, CERTIFIED
BY AN THIRD-PARTY BODY

ENEC MARK IS SYNONYM OF RELIABILITY,
SAFETY AND PRODUCTION
SURVEILLANCE

CERTIFIED PRODUCTS PROVIDE MORE
CONFIDENCE TOWARDS LOCAL/NATIONAL
AUTHORITIES

ENEC MARK IS THE SOLUTION FOR THE CERTIFICATION
OF HORTICULTURAL LUMINAIRES



THE MOST KNOWN HIGH QUALITY EUROPEAN MARK IN THE LIGHTING INDUSTRY

OVERVIEW

PRODUCTS

ENEC mark can be issued to:
horticultural luminaires with
LEDs which do not emit light
above the limits of Risk Group
0 for the following hazards:

- Actinic Ultraviolet Hazard
- Near-UV Hazard
- Retinal Thermal Hazard
- Retinal thermal, weak visual stimulus (if applicable according to 4.3.6 of EN 62471:2008)
- Infrared Radiation Hazard for the eye

CERTIFICATION PROCESS

- **Approval of the manufacturer** (production site inspection).
- **Approval of individual product models** (type testing on representative sample for the series production).
- **Certification** (granting the license to use the ENEC mark on the products).
- **Control of production** (yearly supervision of manufacturing location and manufactured products).

TESTING

The type tests can be performed in the:

- **laboratories of the ENEC members**
- **laboratories of manufacturers***

*For testing in manufacturer laboratories, there are three processes in place:

- **E-CTF1** - testing by the ENEC engineer at the manufacturer's premises
- **E-CTF2** - testing by the manufacturer's personnel, witnessed by the ENEC engineer
- **E-CTF3** - testing by the manufacturer's personnel – supervised and partly witnessed by the ENEC engineer.

ADVANTAGES

- competitive edge
- guarantee of reliability and standard compliance
- production quality monitoring
- mitigating the risks of hazards.

MORE CERTIFIED PRODUCTS FOR A SAFER MARKET



- www.enec.com
- www.xxxxxxx



ETICS, THE EUROPEAN TESTING, INSPECTION AND CERTIFICATION SYSTEM | RUE DES DEUX ÉGLISES, 29 - 1000 BRUSSELS – E-MAIL :
SECRETARIAT@ETICS.ORG