



PERMANENT DOCUMENT

EPRS 002

ENEC+ Requirement Sheet 002

Luminaire Performance – General

Application of EN IEC 62722-1:2022

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Previous edition can be used until (DoW)	June 2026	

Application of EN IEC 62722-1:2022 for the granting of the ENEC+ Mark within the European Certification System (ECS)

Table of change

Revision	Reason to change
April 2014	Initial version
January 2015	Addition of new paragraphs 100 and 200, addition of the reference to the TRF document Change from IEC/PAS to IEC standard
May 2018	Main reference standard updated from IEC 62722-1:2014 to EN IEC 62722-1:2016 throughout this document.
April 2025	Main reference standard updated from EN 62722-1:2016 to EN IEC 62722-1:2022 throughout this document. Text modified / added in red
JULY 2025	Corrections due to assessment

1 Introduction

This Permanent Document details the application of EN IEC 62722-1 with respect to the specifications use for the granting of the ENEC+ Mark for luminaires.

The use of EN IEC 62722-1 for ENEC+ certification is always accompanied with a system of ongoing quality assurance applied by the manufacturer and supervised by the CB.

2 Additional guidance for the verification of requirements

2.1 General

The essential requirement of EN IEC 62722-1 is that basic luminaire performance data (photometric, electrical, etc.) be established by the manufacturer for all luminaires for which ENEC+ certification is to be granted. Associated quality control procedures should give confidence that this data is accurate and representative of all production luminaires within the specified tolerance limits.

2.2 Performance data for families/ranges of luminaires

Luminaire ranges/families often comprise of very many variations that may use different control gear, lamp ratings, optics, material finishes, etc. but are based on a common design platform. Individual testing of every variation of luminaire and accessory option is normally not feasible; however, the manufacturer should be able to demonstrate the origin of testing for key family members and the technical rational that has been used to establish from these measurements, data for the full family/range. Any variation of a luminaire type within a family/range may be selected as part of the audit test regime to verify the accuracy of its own performance data.

2.3 Photometric Data (EN IEC 62722-1, clause 6 & Annex A)

For the purposes of the ENEC+ Mark certification photometric measurements and data should be established following the principles of the relevant part of EN13032.

2.4 Material information (EN IEC 62722-1, sub-clause 9.1)

This aspect is outside the scope of ENEC+ certification and should be demonstrated by the manufacturer own EC declaration.

2.6 Test report

The test report shall be provided according to the available TRF document.

3 Licence requirement information text

The following requirement information shall be stated on the ENEC+ licence.

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Based on EN IEC 62722-1:2022

100 Initial acceptance of a MPL

No specific initial acceptance criteria defined for MPL.

200 Additional data to be shown on the ENEC+ licence

In addition to the common data for all EPRS listed in the document OD ENEC 321, the ENEC+ Licence for this EPRS shall contain at least the following data (where applicable):

- (r 11) Supply Voltage
- (r 12) Input Power
- (r 13) Standby Power
- (r 14) Emergency Lighting Charge Power
- (r 15) Lamp Type/Rating
- (r 16) Light Output Ratio (LOR)