

D-CLASSIFICATION

for XENRE luminaires

A D-marking on a luminaire indicates that the product is suitable for installation on normally flammable surfaces, such as wood. It ensures the luminaire does not exceed safe surface temperatures and complies with fire safety requirements. Luminaires with a D-marking meet the requirements set out in the IEC 60598-2-24 standard (or its European counterpart EN 60598-2-24).

This standard specifies safety requirements for luminaires intended for use in environments with a risk of fire due to the presence of combustible materials (e.g., dust, wood). The D-marking confirms that the luminaire's surface temperature remains low enough to be safely mounted on or near normally flammable surfaces.

The validity of the D-marking depends on the ambient temperature (T_a) at which the luminaire is installed. Since XENRE luminaires are rated for very high maximum T_a values, the D-marking for some models is valid only within certain temperature ranges. These restrictions apply only to models equipped with clear or frosted tempered safety glass. All XENRE models with a polycarbonate (PC) cover are D-marked also at their maximum T_a temperature.

The D-marking for each XENRE luminaire model with a glass cover is indicated in the table below.

Item	Luminaire power (W)	Max T_a for D-marking	Max T_a of the luminaire	D-marking @ max. T_a
XE60	190	40	50	No
XE61	163	45	50	No
XE62	133	50	55	No
XE63	106	55	60	No
XE64	81	60	60	Yes
XE88	265	30	30	Yes
XE80	221	40	50	No
XE81	193	45	50	No
XE82	165	50	55	No
XE83	137	55	60	No
XE84	109	60	60	Yes

Place and date: Iittala, 4.6.2025

Name and signature of authorized person:



Saara Hännikäinen
Product Manager

