

SCHEDULE 9

Regulation 12(1)(e)

Technical documentation

1. The technical documentation referred to in regulation 12(1)(e) must include the following—
  - (a) the name and address of the supplier;
  - (b) the supplier’s model identifier;
  - (c) the model identifier of all equivalent models already placed on the market;
  - (d) identification and signature of the person empowered to bind the supplier;
  - (e) the declared values for the following technical parameters—
    - (i) useful luminous flux ( $\Phi_{use}$ ) in lm;
    - (ii) colour rendering index (CRI);
    - (iii) on-mode power ( $P_{on}$ ) in W;
    - (iv) beam angle in degrees for directional light sources (DLS);
    - (v) peak luminous intensity in cd for directional light sources (DLS);
    - (vi) correlated colour temperature (CCT) in K;
    - (vii) standby power ( $P_{sb}$ ) in W, including when it is zero;
    - (viii) networked standby power ( $P_{net}$ ) in W for connected light sources (CLS);
    - (ix) R9 colour rendering index value for LED and OLED light sources;
    - (x) survival factor for LED and OLED light sources;
    - (xi) lumen maintenance factor for LED and OLED light sources;
    - (xii) indicative lifetime L70B50 for LED and OLED light sources;
    - (xiii) displacement factor ( $\cos \phi_1$ ) for LED and OLED mains light sources;
    - (xiv) colour consistency in MacAdam ellipse steps for LED and OLED light sources;
    - (xv) luminance-HLLS in  $cd/mm^2$  (only for HLLS)
    - (xvi) flicker metric (PstLM) for LED and OLED light sources;
    - (xvii) stroboscopic effect metric (SVM) for LED and OLED light sources;
    - (xviii) excitation purity, only for CTLS, for the colours and dominant wavelength within the given range in the following table—

<i>Colour</i>	<i>Dominant wavelength range</i>
Blue	440 nm - 490 nm
Green	520 nm - 570 nm
Red	610 nm - 670 nm

- (f) the calculations performed with the parameters, including the determination of the energy efficiency class;
- (g) references to the designated standards applied or other standards used;
- (h) testing conditions if not described fully in sub-paragraph (g);
- (i) the reference control settings, and instructions on how they can be implemented, where applicable;
- (j) instructions on how to remove lighting control parts and/or non-lighting parts, if any, or how to switch them off or minimise their power consumption during light source testing;

**Draft Legislation:** This is a draft item of legislation. This draft has since been made as a UK Statutory Instrument:  
*The Ecodesign for Energy-Related Products and Energy Information (Lighting Products) Regulations 2021 No. 1095*

- (k) specific precautions that must be taken when the model is assembled, installed, maintained or tested;
- (l) where a claim of the kind referred to in paragraph 2(1) or (3) of Schedule 8 is made, the data to support such a claim.