

Commission Regulation (EU) 2019/2020 of 1 October 2019 laying down ecodesign requirements for light sources and separate control gears pursuant to Directive 2009/125/EC of the European Parliament and of the Council and repealing Commission Regulations (EC) No 244/2009, (EC) No 245/2009 and (EU) No 1194/2012 (Text with EEA relevance)

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#### ANNEX I

##### Definitions applicable for the Annexes

The following definitions shall apply:  
'mains light source (MLS)' means a light source that can...

#### ANNEX II

##### Ecodesign requirements

For the purposes of compliance and verification of compliance with...

1. Energy efficiency requirements:
2. Functional requirements
3. Information requirements

#### ANNEX III

##### Exemptions

1. This Regulation shall not apply to light sources and separate...
2. In addition, this Regulation shall not apply to:

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3. Any light source or separate control gear within the scope...
4. CLS and CSCG designed and marketed specifically for scene-lighting use...

#### ANNEX IV

##### Verification procedure for market surveillance purposes

The verification tolerances defined in this Annex relate only to...  
Where a model has been designed to be able to...  
When verifying the compliance of a product model with the...  
The Member State authorities shall verify one single unit of...  
The authorities of the Member State shall only apply the...  
For light sources with linear geometry which are scalable but...  
When verifying if a product is a light source, market...  
Light sources that allow the end-user to control, manually or...

#### ANNEX V

##### Functionality after endurance testing

Models of LED- and OLED- light sources shall undergo  
endurance...  
The endurance test for LED and OLED light sources shall...  
Ambient conditions and test setup: The switching cycles are to...

#### ANNEX VI

##### Benchmarks

For the environmental aspects that were considered significant  
and are...  
The best available technology on the market for light sources...  
Mains voltage non-directional light sources: 120-140 lm/W  
Mains voltage directional...  
The best available technology on the market for separate  
control...  
Features required in certain applications, e.g. a high colour  
rendering,...  
The best available technology on the market for light sources...

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- (1) [OJ L 285, 31.10.2009, p. 10.](#)
- (2) [COM\(2016\) 773 final of 30.11.2016.](#)
- (3) Commission Regulation (EC) No 244/2009 of 18 March 2009 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for non-directional household lamps ([OJ L 76, 24.3.2009, p. 3.](#))
- (4) Commission Regulation (EC) No 245/2009 of 18 March 2009 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for fluorescent lamps without integrated ballast, for high intensity discharge lamps, and for ballasts and luminaires able to operate such lamps, and repealing Directive 2000/55/EC of the European Parliament and of the Council ([OJ L 76, 24.3.2009, p. 17.](#))
- (5) Commission Regulation (EU) No 1194/2012 of 12 December 2012 implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for directional lamps, light emitting diode lamps and related equipment ([OJ L 342, 14.12.2012, p. 1.](#))
- (6) Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment ([OJ L 174, 1.7.2011, p. 88.](#))
- (7) [COM/2015/0614 final of 2.12.2015.](#)
- (8) Directive 2012/19/EU of the European Parliament and of the Council of 4 July 2012 on waste electrical and electronic equipment ([OJ L 197, 24.7.2012, p. 38.](#))
- (9) Commission Regulation (EC) No 1275/2008 of 17 December 2008 implementing Directive 2005/32/EC of the European Parliament and of the Council with regard to ecodesign requirements for standby and off mode electric power consumption of electrical and electronic household and office equipment ([OJ L 339, 18.12.2008, p. 45.](#))
- (10) Regulation (EU) No 1025/2012 of the European Parliament and of the Council of 25 October 2012 on European standardisation, amending Council Directives 89/686/EEC and 93/15/EEC and Directives 94/9/EC, 94/25/EC, 95/16/EC, 97/23/EC, 98/34/EC, 2004/22/EC, 2007/23/EC, 2009/23/EC and 2009/105/EC of the European Parliament and of the Council and repealing Council Decision 87/95/EEC and Decision No 1673/2006/EC of the European Parliament and of the Council ([OJ L 316, 14.11.2012, p. 12.](#))
- (11) Commission Delegated Regulation (EU) 2019/2015 of 11 March 2019 supplementing Regulation (EU) 2017/1369 of the European Parliament and of the Council with regard to energy labelling of light sources and repealing Commission Delegated Regulation (EU) No 874/2012 (see page 68 of this Official Journal).
- (12) Regulation (EU) 2017/1369 of the European Parliament and of the Council of 4 July 2017 setting a framework for energy labelling and repealing Directive 2010/30/EU ([OJ L 198, 28.7.2017, p. 1.](#))
- (13) Commission Regulation (EU) 2016/2282 of 30 November 2016 amending Regulations (EC) No 1275/2008, (EC) No 107/2009, (EC) No 278/2009, (EC) No 640/2009, (EC) No 641/2009, (EC) No 642/2009, (EC) No 643/2009, (EU) No 1015/2010, (EU) No 1016/2010, (EU) No 327/2011, (EU) No 206/2012, (EU) No 547/2012, (EU) No 932/2012, (EU) No 617/2013, (EU) No 666/2013, (EU) No 813/2013, (EU) No 814/2013, (EU) No 66/2014, (EU) No 548/2014, (EU) No 1253/2014, (EU) 2015/1095, (EU) 2015/1185, (EU) 2015/1188, (EU) 2015/1189 and (EU) 2016/2281 with regard to the use of tolerances in verification procedures ([OJ L 346, 20.12.2016, p. 51.](#))

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